

```
[0]    validation_0-error:0.232458    validation_0-logloss:0.662967    validation_1-error:0.200794    validation_1-logloss:0.659794
```

Multiple eval metrics have been passed: 'validation_1-logloss' will be used for early stopping.

Will train until validation_1-logloss hasn't improved in 50 rounds.

```
[1]    validation_0-error:0.232458    validation_0-logloss:0.638376    validation_1-error:0.200794    validation_1-logloss:0.632183
```

```
[2]    validation_0-error:0.232458    validation_0-logloss:0.618162    validation_1-error:0.200794    validation_1-logloss:0.609828
```

```
[3]    validation_0-error:0.232458    validation_0-logloss:0.601158    validation_1-error:0.200794    validation_1-logloss:0.590431
```

```
[4]    validation_0-error:0.232458    validation_0-logloss:0.586832    validation_1-error:0.200794    validation_1-logloss:0.574498
```

```
[5]    validation_0-error:0.232458    validation_0-logloss:0.574487    validation_1-error:0.200794    validation_1-logloss:0.560144
```

```
[6]    validation_0-error:0.232458    validation_0-logloss:0.56383    validation_1-error:0.200794    validation_1-logloss:0.54819
```

```
[7]    validation_0-error:0.232458    validation_0-logloss:0.55492    validation_1-error:0.200794    validation_1-logloss:0.537755
```

```
[8]    validation_0-error:0.232458    validation_0-logloss:0.5473    validation_1-error:0.200794    validation_1-logloss:0.528863
```

```
[9]    validation_0-error:0.232458    validation_0-logloss:0.540646    validation_1-error:0.200794    validation_1-logloss:0.52117
```

```
[10]   validation_0-error:0.232458    validation_0-logloss:0.534635    validation_1-error:0.200794    validation_1-logloss:0.514327
```

```
[11]   validation_0-error:0.232458    validation_0-logloss:0.529513    validation_1-error:0.200794    validation_1-logloss:0.508439
```

```
[12]   validation_0-error:0.232458    validation_0-logloss:0.524863    validation_1-error:0.200794    validation_1-logloss:0.502997
```

[13] validation_0-error:0.232458 validation_0-logloss:0.520847 validation_1-error:0.200794 validation_1-logloss:0.498309
[14] validation_0-error:0.232458 validation_0-logloss:0.517231 validation_1-error:0.200794 validation_1-logloss:0.494671
[15] validation_0-error:0.232458 validation_0-logloss:0.513773 validation_1-error:0.200794 validation_1-logloss:0.490862
[16] validation_0-error:0.232458 validation_0-logloss:0.510742 validation_1-error:0.200794 validation_1-logloss:0.487168
[17] validation_0-error:0.232458 validation_0-logloss:0.507908 validation_1-error:0.200794 validation_1-logloss:0.483857
[18] validation_0-error:0.232458 validation_0-logloss:0.505049 validation_1-error:0.200794 validation_1-logloss:0.480594
[19] validation_0-error:0.232458 validation_0-logloss:0.502465 validation_1-error:0.200794 validation_1-logloss:0.477462
[20] validation_0-error:0.232458 validation_0-logloss:0.500185 validation_1-error:0.200794 validation_1-logloss:0.474965
[21] validation_0-error:0.232458 validation_0-logloss:0.497888 validation_1-error:0.200794 validation_1-logloss:0.472532
[22] validation_0-error:0.232458 validation_0-logloss:0.495527 validation_1-error:0.200794 validation_1-logloss:0.470097
[23] validation_0-error:0.232458 validation_0-logloss:0.493501 validation_1-error:0.200794 validation_1-logloss:0.468175
[24] validation_0-error:0.232458 validation_0-logloss:0.491543 validation_1-error:0.200794 validation_1-logloss:0.466228
[25] validation_0-error:0.232458 validation_0-logloss:0.489664 validation_1-error:0.200794 validation_1-logloss:0.464102
[26] validation_0-error:0.232458 validation_0-logloss:0.487683 validation_1-error:0.200794 validation_1-logloss:0.461875

[27] validation_0-error:0.232458 validation_0-logloss:0.485931 validation_1-error:0.200794 validation_1-logloss:0.459876
[28] validation_0-error:0.232458 validation_0-logloss:0.484172 validation_1-error:0.200794 validation_1-logloss:0.458402
[29] validation_0-error:0.232458 validation_0-logloss:0.48248 validation_1-error:0.200794 validation_1-logloss:0.456788
[30] validation_0-error:0.232458 validation_0-logloss:0.48077 validation_1-error:0.200794 validation_1-logloss:0.455499
[31] validation_0-error:0.232458 validation_0-logloss:0.479207 validation_1-error:0.200794 validation_1-logloss:0.453717
[32] validation_0-error:0.232038 validation_0-logloss:0.477426 validation_1-error:0.200794 validation_1-logloss:0.452141
[33] validation_0-error:0.231869 validation_0-logloss:0.475673 validation_1-error:0.200794 validation_1-logloss:0.450396
[34] validation_0-error:0.231659 validation_0-logloss:0.474129 validation_1-error:0.200227 validation_1-logloss:0.448949
[35] validation_0-error:0.231449 validation_0-logloss:0.472665 validation_1-error:0.20051 validation_1-logloss:0.447673
[36] validation_0-error:0.230944 validation_0-logloss:0.471128 validation_1-error:0.199943 validation_1-logloss:0.446075
[37] validation_0-error:0.230734 validation_0-logloss:0.469772 validation_1-error:0.19966 validation_1-logloss:0.444429
[38] validation_0-error:0.230313 validation_0-logloss:0.468245 validation_1-error:0.19966 validation_1-logloss:0.443216
[39] validation_0-error:0.229598 validation_0-logloss:0.466827 validation_1-error:0.198242 validation_1-logloss:0.442043
[40] validation_0-error:0.228336 validation_0-logloss:0.465447 validation_1-error:0.197391 validation_1-logloss:0.440854

[41] validation_0-error:0.227831 validation_0-logloss:0.464065 validation_1-error:0.196256 validation_1-logloss:0.439851
[42] validation_0-error:0.226779 validation_0-logloss:0.462751 validation_1-error:0.196256 validation_1-logloss:0.438905
[43] validation_0-error:0.226485 validation_0-logloss:0.461558 validation_1-error:0.196256 validation_1-logloss:0.437795
[44] validation_0-error:0.225475 validation_0-logloss:0.460281 validation_1-error:0.195406 validation_1-logloss:0.436618
[45] validation_0-error:0.225013 validation_0-logloss:0.458974 validation_1-error:0.195406 validation_1-logloss:0.435719
[46] validation_0-error:0.224171 validation_0-logloss:0.457763 validation_1-error:0.194271 validation_1-logloss:0.434434
[47] validation_0-error:0.223372 validation_0-logloss:0.456568 validation_1-error:0.192286 validation_1-logloss:0.43374
[48] validation_0-error:0.22232 validation_0-logloss:0.455327 validation_1-error:0.191151 validation_1-logloss:0.432431
[49] validation_0-error:0.221227 validation_0-logloss:0.454177 validation_1-error:0.190584 validation_1-logloss:0.431524
[50] validation_0-error:0.220133 validation_0-logloss:0.452907 validation_1-error:0.190868 validation_1-logloss:0.430597
[51] validation_0-error:0.218787 validation_0-logloss:0.451907 validation_1-error:0.190301 validation_1-logloss:0.429492
[52] validation_0-error:0.218408 validation_0-logloss:0.45091 validation_1-error:0.189733 validation_1-logloss:0.428473
[53] validation_0-error:0.217441 validation_0-logloss:0.449878 validation_1-error:0.188599 validation_1-logloss:0.427514
[54] validation_0-error:0.216978 validation_0-logloss:0.448766 validation_1-error:0.188315 validation_1-logloss:0.426458

[55] validation_0-error:0.216095 validation_0-logloss:0.447652 validation_1-error:0.188032 validation_1-logloss:0.425892

[56] validation_0-error:0.215421 validation_0-logloss:0.446567 validation_1-error:0.187748 validation_1-logloss:0.424972

[57] validation_0-error:0.214328 validation_0-logloss:0.445464 validation_1-error:0.187181 validation_1-logloss:0.423904

[58] validation_0-error:0.213781 validation_0-logloss:0.444318 validation_1-error:0.186897 validation_1-logloss:0.423052

[59] validation_0-error:0.212729 validation_0-logloss:0.44329 validation_1-error:0.186614 validation_1-logloss:0.422121

[60] validation_0-error:0.212014 validation_0-logloss:0.44236 validation_1-error:0.185763 validation_1-logloss:0.42136

[61] validation_0-error:0.211173 validation_0-logloss:0.441376 validation_1-error:0.186047 validation_1-logloss:0.42049

[62] validation_0-error:0.210331 validation_0-logloss:0.440434 validation_1-error:0.184912 validation_1-logloss:0.420027

[63] validation_0-error:0.209953 validation_0-logloss:0.439486 validation_1-error:0.184061 validation_1-logloss:0.418932

[64] validation_0-error:0.209027 validation_0-logloss:0.438487 validation_1-error:0.18236 validation_1-logloss:0.41805

[65] validation_0-error:0.207934 validation_0-logloss:0.437454 validation_1-error:0.18236 validation_1-logloss:0.417274

[66] validation_0-error:0.206714 validation_0-logloss:0.436563 validation_1-error:0.181225 validation_1-logloss:0.416644

[67] validation_0-error:0.205452 validation_0-logloss:0.435496 validation_1-error:0.180374 validation_1-logloss:0.416013

[68] validation_0-error:0.204989 validation_0-logloss:0.434656 validation_1-error:0.179524 validation_1-logloss:0.415396

[69] validation_0-error:0.204022 validation_0-logloss:0.433801 validation_1-error:0.178389 validation_1-logloss:0.414599

[70] validation_0-error:0.203306 validation_0-logloss:0.432938 validation_1-error:0.177822 validation_1-logloss:0.413826

[71] validation_0-error:0.202255 validation_0-logloss:0.432043 validation_1-error:0.177255 validation_1-logloss:0.413192

[72] validation_0-error:0.20154 validation_0-logloss:0.431228 validation_1-error:0.177255 validation_1-logloss:0.412808

[73] validation_0-error:0.200993 validation_0-logloss:0.43043 validation_1-error:0.175837 validation_1-logloss:0.411985

[74] validation_0-error:0.199983 validation_0-logloss:0.429653 validation_1-error:0.17612 validation_1-logloss:0.411566

[75] validation_0-error:0.199268 validation_0-logloss:0.428745 validation_1-error:0.174419 validation_1-logloss:0.410763

[76] validation_0-error:0.198511 validation_0-logloss:0.427938 validation_1-error:0.17215 validation_1-logloss:0.410224

[77] validation_0-error:0.198258 validation_0-logloss:0.42707 validation_1-error:0.173284 validation_1-logloss:0.409439

[78] validation_0-error:0.197627 validation_0-logloss:0.426187 validation_1-error:0.171866 validation_1-logloss:0.408704

[79] validation_0-error:0.197123 validation_0-logloss:0.425363 validation_1-error:0.17215 validation_1-logloss:0.40815

[80] validation_0-error:0.195945 validation_0-logloss:0.424473 validation_1-error:0.171299 validation_1-logloss:0.407658

[81] validation_0-error:0.195903 validation_0-logloss:0.423696 validation_1-error:0.17215 validation_1-logloss:0.40715

[82] validation_0-error:0.195019 validation_0-logloss:0.422975 validation_1-error:0.171299 validation_1-logloss:0.407032

[83] validation_0-error:0.194388 validation_0-logloss:0.42224 validation_1-error:0.170448 validation_1-logloss:0.406562

[84] validation_0-error:0.194094 validation_0-logloss:0.421504 validation_1-error:0.170732 validation_1-logloss:0.405907

[85] validation_0-error:0.194262 validation_0-logloss:0.420795 validation_1-error:0.170164 validation_1-logloss:0.405479

[86] validation_0-error:0.192874 validation_0-logloss:0.420074 validation_1-error:0.16903 validation_1-logloss:0.404969

[87] validation_0-error:0.192411 validation_0-logloss:0.419275 validation_1-error:0.16903 validation_1-logloss:0.404241

[88] validation_0-error:0.191696 validation_0-logloss:0.418562 validation_1-error:0.169314 validation_1-logloss:0.403983

[89] validation_0-error:0.190729 validation_0-logloss:0.417787 validation_1-error:0.168179 validation_1-logloss:0.403475

[90] validation_0-error:0.189971 validation_0-logloss:0.417031 validation_1-error:0.167328 validation_1-logloss:0.402848

[91] validation_0-error:0.189172 validation_0-logloss:0.416271 validation_1-error:0.166478 validation_1-logloss:0.402121

[92] validation_0-error:0.188751 validation_0-logloss:0.415488 validation_1-error:0.165343 validation_1-logloss:0.401536

[93] validation_0-error:0.188078 validation_0-logloss:0.414797 validation_1-error:0.163925 validation_1-logloss:0.401132

[94] validation_0-error:0.187784 validation_0-logloss:0.41406 validation_1-error:0.164492 validation_1-logloss:0.400804

[95] validation_0-error:0.187279 validation_0-logloss:0.413435 validation_1-error:0.164209 validation_1-logloss:0.40041

[96] validation_0-error:0.187027 validation_0-logloss:0.412718 validation_1-error:0.16506 validation_1-logloss:0.399905

[97] validation_0-error:0.18627 validation_0-logloss:0.41204 validation_1-error:0.164776 validation_1-logloss:0.399431

[98] validation_0-error:0.185681 validation_0-logloss:0.411264 validation_1-error:0.163925 validation_1-logloss:0.398909

[99] validation_0-error:0.185092 validation_0-logloss:0.41064 validation_1-error:0.162791 validation_1-logloss:0.398402

[100] validation_0-error:0.184923 validation_0-logloss:0.41005 validation_1-error:0.161656 validation_1-logloss:0.398052

[101] validation_0-error:0.184124 validation_0-logloss:0.409471 validation_1-error:0.160805 validation_1-logloss:0.397532

[102] validation_0-error:0.183956 validation_0-logloss:0.408703 validation_1-error:0.160805 validation_1-logloss:0.396679

[103] validation_0-error:0.182862 validation_0-logloss:0.407967 validation_1-error:0.160522 validation_1-logloss:0.396141

[104] validation_0-error:0.182063 validation_0-logloss:0.407393 validation_1-error:0.159955 validation_1-logloss:0.395765

[105] validation_0-error:0.181474 validation_0-logloss:0.406681 validation_1-error:0.159671 validation_1-logloss:0.395093

[106] validation_0-error:0.18118 validation_0-logloss:0.405974 validation_1-error:0.159104 validation_1-logloss:0.394423

[107] validation_0-error:0.181095 validation_0-logloss:0.40536 validation_1-error:0.159955 validation_1-logloss:0.39439

[108] validation_0-error:0.180717 validation_0-logloss:0.404769 validation_1-error:0.158537 validation_1-logloss:0.394189

[109] validation_0-error:0.180549 validation_0-logloss:0.4042 validation_1-error:0.159104 validation_1-logloss:0.393687

[110] validation_0-error:0.17996 validation_0-logloss:0.40358 validation_1-error:0.159387 validation_1-logloss:0.393308

[111] validation_0-error:0.179875 validation_0-logloss:0.402916 validation_1-error:0.159104 validation_1-logloss:0.392753
[112] validation_0-error:0.179287 validation_0-logloss:0.402284 validation_1-error:0.157119 validation_1-logloss:0.392448
[113] validation_0-error:0.179118 validation_0-logloss:0.401618 validation_1-error:0.157969 validation_1-logloss:0.391964
[114] validation_0-error:0.178403 validation_0-logloss:0.400997 validation_1-error:0.158253 validation_1-logloss:0.391732
[115] validation_0-error:0.178361 validation_0-logloss:0.400361 validation_1-error:0.157119 validation_1-logloss:0.391313
[116] validation_0-error:0.177814 validation_0-logloss:0.399795 validation_1-error:0.156551 validation_1-logloss:0.390931
[117] validation_0-error:0.176889 validation_0-logloss:0.39924 validation_1-error:0.156835 validation_1-logloss:0.390563
[118] validation_0-error:0.176636 validation_0-logloss:0.398601 validation_1-error:0.157402 validation_1-logloss:0.390115
[119] validation_0-error:0.175879 validation_0-logloss:0.39809 validation_1-error:0.157402 validation_1-logloss:0.38998
[120] validation_0-error:0.175711 validation_0-logloss:0.397472 validation_1-error:0.157119 validation_1-logloss:0.389596
[121] validation_0-error:0.175669 validation_0-logloss:0.39687 validation_1-error:0.156268 validation_1-logloss:0.389225
[122] validation_0-error:0.174785 validation_0-logloss:0.396383 validation_1-error:0.156551 validation_1-logloss:0.388671
[123] validation_0-error:0.174954 validation_0-logloss:0.395746 validation_1-error:0.156268 validation_1-logloss:0.388237
[124] validation_0-error:0.173566 validation_0-logloss:0.395148 validation_1-error:0.155984 validation_1-logloss:0.387772

[125] validation_0-error:0.173271 validation_0-logloss:0.394519 validation_1-error:0.155417 validation_1-logloss:0.387222
[126] validation_0-error:0.173229 validation_0-logloss:0.393978 validation_1-error:0.155417 validation_1-logloss:0.386906
[127] validation_0-error:0.172892 validation_0-logloss:0.393525 validation_1-error:0.155133 validation_1-logloss:0.386335
[128] validation_0-error:0.172598 validation_0-logloss:0.392911 validation_1-error:0.153148 validation_1-logloss:0.385729
[129] validation_0-error:0.171925 validation_0-logloss:0.392382 validation_1-error:0.153432 validation_1-logloss:0.385527
[130] validation_0-error:0.171546 validation_0-logloss:0.391873 validation_1-error:0.153148 validation_1-logloss:0.385129
[131] validation_0-error:0.170663 validation_0-logloss:0.391322 validation_1-error:0.152297 validation_1-logloss:0.38458
[132] validation_0-error:0.170284 validation_0-logloss:0.390793 validation_1-error:0.152581 validation_1-logloss:0.38414
[133] validation_0-error:0.169695 validation_0-logloss:0.390259 validation_1-error:0.153432 validation_1-logloss:0.383599
[134] validation_0-error:0.169275 validation_0-logloss:0.389753 validation_1-error:0.152864 validation_1-logloss:0.383391
[135] validation_0-error:0.169064 validation_0-logloss:0.38927 validation_1-error:0.152581 validation_1-logloss:0.382937
[136] validation_0-error:0.168307 validation_0-logloss:0.388676 validation_1-error:0.150879 validation_1-logloss:0.382511
[137] validation_0-error:0.16776 validation_0-logloss:0.388171 validation_1-error:0.152014 validation_1-logloss:0.382182
[138] validation_0-error:0.167214 validation_0-logloss:0.387554 validation_1-error:0.152014 validation_1-logloss:0.381501

[139] validation_0-error:0.16734 validation_0-logloss:0.386985 validation_1-error:0.151163 validation_1-logloss:0.381016
[140] validation_0-error:0.167298 validation_0-logloss:0.386502 validation_1-error:0.151163 validation_1-logloss:0.380593
[141] validation_0-error:0.166667 validation_0-logloss:0.386017 validation_1-error:0.151446 validation_1-logloss:0.380274
[142] validation_0-error:0.165952 validation_0-logloss:0.385407 validation_1-error:0.150596 validation_1-logloss:0.379843
[143] validation_0-error:0.165783 validation_0-logloss:0.38489 validation_1-error:0.149178 validation_1-logloss:0.379261
[144] validation_0-error:0.165363 validation_0-logloss:0.384352 validation_1-error:0.149178 validation_1-logloss:0.378897
[145] validation_0-error:0.165152 validation_0-logloss:0.383751 validation_1-error:0.149178 validation_1-logloss:0.378703
[146] validation_0-error:0.16469 validation_0-logloss:0.383259 validation_1-error:0.14861 validation_1-logloss:0.378381
[147] validation_0-error:0.164059 validation_0-logloss:0.382719 validation_1-error:0.14861 validation_1-logloss:0.378119
[148] validation_0-error:0.163301 validation_0-logloss:0.382248 validation_1-error:0.147476 validation_1-logloss:0.377814
[149] validation_0-error:0.163091 validation_0-logloss:0.381773 validation_1-error:0.146625 validation_1-logloss:0.377539
[150] validation_0-error:0.162376 validation_0-logloss:0.381186 validation_1-error:0.147192 validation_1-logloss:0.377004
[151] validation_0-error:0.161913 validation_0-logloss:0.380789 validation_1-error:0.147192 validation_1-logloss:0.376659
[152] validation_0-error:0.161913 validation_0-logloss:0.380316 validation_1-error:0.146909 validation_1-logloss:0.376162

[153] validation_0-error:0.161619 validation_0-logloss:0.379878 validation_1-error:0.147192 validation_1-logloss:0.375821
[154] validation_0-error:0.161408 validation_0-logloss:0.379417 validation_1-error:0.146058 validation_1-logloss:0.37579
[155] validation_0-error:0.160357 validation_0-logloss:0.378703 validation_1-error:0.146058 validation_1-logloss:0.375078
[156] validation_0-error:0.160819 validation_0-logloss:0.378215 validation_1-error:0.145207 validation_1-logloss:0.374829
[157] validation_0-error:0.160525 validation_0-logloss:0.377716 validation_1-error:0.144356 validation_1-logloss:0.374671
[158] validation_0-error:0.159726 validation_0-logloss:0.37718 validation_1-error:0.143222 validation_1-logloss:0.374152
[159] validation_0-error:0.159305 validation_0-logloss:0.376651 validation_1-error:0.143789 validation_1-logloss:0.373828
[160] validation_0-error:0.159389 validation_0-logloss:0.376129 validation_1-error:0.143789 validation_1-logloss:0.373325
[161] validation_0-error:0.1588 validation_0-logloss:0.375646 validation_1-error:0.144073 validation_1-logloss:0.373123
[162] validation_0-error:0.158043 validation_0-logloss:0.37498 validation_1-error:0.144073 validation_1-logloss:0.372886
[163] validation_0-error:0.158548 validation_0-logloss:0.374468 validation_1-error:0.143505 validation_1-logloss:0.372493
[164] validation_0-error:0.158043 validation_0-logloss:0.373987 validation_1-error:0.142655 validation_1-logloss:0.372308
[165] validation_0-error:0.158001 validation_0-logloss:0.373571 validation_1-error:0.142371 validation_1-logloss:0.371697
[166] validation_0-error:0.15737 validation_0-logloss:0.373013 validation_1-error:0.142938 validation_1-logloss:0.371107

[167] validation_0-error:0.156697 validation_0-logloss:0.372556 validation_1-error:0.143222 validation_1-logloss:0.37078

[168] validation_0-error:0.15636 validation_0-logloss:0.372108 validation_1-error:0.144073 validation_1-logloss:0.370777

[169] validation_0-error:0.156024 validation_0-logloss:0.371666 validation_1-error:0.144073 validation_1-logloss:0.370678

[170] validation_0-error:0.155814 validation_0-logloss:0.371134 validation_1-error:0.144073 validation_1-logloss:0.370262

[171] validation_0-error:0.155393 validation_0-logloss:0.370595 validation_1-error:0.143505 validation_1-logloss:0.369961

[172] validation_0-error:0.155225 validation_0-logloss:0.37016 validation_1-error:0.143505 validation_1-logloss:0.369462

[173] validation_0-error:0.154846 validation_0-logloss:0.369645 validation_1-error:0.142655 validation_1-logloss:0.369144

[174] validation_0-error:0.154215 validation_0-logloss:0.369069 validation_1-error:0.143222 validation_1-logloss:0.368901

[175] validation_0-error:0.154047 validation_0-logloss:0.368683 validation_1-error:0.143789 validation_1-logloss:0.368847

[176] validation_0-error:0.153879 validation_0-logloss:0.368249 validation_1-error:0.144356 validation_1-logloss:0.368606

[177] validation_0-error:0.153458 validation_0-logloss:0.367807 validation_1-error:0.143505 validation_1-logloss:0.36846

[178] validation_0-error:0.1535 validation_0-logloss:0.36738 validation_1-error:0.143789 validation_1-logloss:0.36817

[179] validation_0-error:0.15329 validation_0-logloss:0.366877 validation_1-error:0.142938 validation_1-logloss:0.367653

[180] validation_0-error:0.153121 validation_0-logloss:0.366461 validation_1-error:0.142655 validation_1-logloss:0.367185

[181] validation_0-error:0.152617 validation_0-logloss:0.366004 validation_1-error:0.142371 validation_1-logloss:0.367001
[182] validation_0-error:0.152448 validation_0-logloss:0.365592 validation_1-error:0.142087 validation_1-logloss:0.366414
[183] validation_0-error:0.15228 validation_0-logloss:0.365127 validation_1-error:0.142938 validation_1-logloss:0.366161
[184] validation_0-error:0.151817 validation_0-logloss:0.364784 validation_1-error:0.143222 validation_1-logloss:0.366028
[185] validation_0-error:0.151733 validation_0-logloss:0.364363 validation_1-error:0.142371 validation_1-logloss:0.365746
[186] validation_0-error:0.151523 validation_0-logloss:0.363973 validation_1-error:0.142371 validation_1-logloss:0.365611
[187] validation_0-error:0.15106 validation_0-logloss:0.363379 validation_1-error:0.141237 validation_1-logloss:0.365008
[188] validation_0-error:0.150513 validation_0-logloss:0.362959 validation_1-error:0.14152 validation_1-logloss:0.364619
[189] validation_0-error:0.150261 validation_0-logloss:0.362598 validation_1-error:0.14152 validation_1-logloss:0.364486
[190] validation_0-error:0.149798 validation_0-logloss:0.362101 validation_1-error:0.142087 validation_1-logloss:0.364248
[191] validation_0-error:0.148831 validation_0-logloss:0.36159 validation_1-error:0.14152 validation_1-logloss:0.363867
[192] validation_0-error:0.148873 validation_0-logloss:0.361197 validation_1-error:0.142087 validation_1-logloss:0.363751
[193] validation_0-error:0.148368 validation_0-logloss:0.360712 validation_1-error:0.141804 validation_1-logloss:0.363193
[194] validation_0-error:0.148284 validation_0-logloss:0.360328 validation_1-error:0.141237 validation_1-logloss:0.362942

[195] validation_0-error:0.147989 validation_0-logloss:0.359901 validation_1-error:0.14152 validation_1-logloss:0.362747
[196] validation_0-error:0.147695 validation_0-logloss:0.359554 validation_1-error:0.141237 validation_1-logloss:0.362523
[197] validation_0-error:0.147358 validation_0-logloss:0.359236 validation_1-error:0.141237 validation_1-logloss:0.362371
[198] validation_0-error:0.147358 validation_0-logloss:0.358857 validation_1-error:0.141237 validation_1-logloss:0.362136
[199] validation_0-error:0.147148 validation_0-logloss:0.358432 validation_1-error:0.140669 validation_1-logloss:0.361966
[200] validation_0-error:0.146727 validation_0-logloss:0.358094 validation_1-error:0.14152 validation_1-logloss:0.361837
[201] validation_0-error:0.146138 validation_0-logloss:0.357609 validation_1-error:0.140953 validation_1-logloss:0.36141
[202] validation_0-error:0.14597 validation_0-logloss:0.357214 validation_1-error:0.140669 validation_1-logloss:0.3611
[203] validation_0-error:0.145886 validation_0-logloss:0.35682 validation_1-error:0.140386 validation_1-logloss:0.360951
[204] validation_0-error:0.145676 validation_0-logloss:0.356424 validation_1-error:0.140669 validation_1-logloss:0.360759
[205] validation_0-error:0.145255 validation_0-logloss:0.355933 validation_1-error:0.140386 validation_1-logloss:0.360578
[206] validation_0-error:0.145045 validation_0-logloss:0.355592 validation_1-error:0.140953 validation_1-logloss:0.360522
[207] validation_0-error:0.144792 validation_0-logloss:0.35522 validation_1-error:0.14152 validation_1-logloss:0.360273
[208] validation_0-error:0.14475 validation_0-logloss:0.354862 validation_1-error:0.140386 validation_1-logloss:0.360015

[209] validation_0-error:0.144414 validation_0-logloss:0.354432 validation_1-error:0.138684 validation_1-logloss:0.35965
[210] validation_0-error:0.144372 validation_0-logloss:0.354016 validation_1-error:0.13755 validation_1-logloss:0.35944
[211] validation_0-error:0.144456 validation_0-logloss:0.353623 validation_1-error:0.138117 validation_1-logloss:0.359028
[212] validation_0-error:0.143909 validation_0-logloss:0.353141 validation_1-error:0.1384 validation_1-logloss:0.358779
[213] validation_0-error:0.143446 validation_0-logloss:0.352732 validation_1-error:0.137833 validation_1-logloss:0.358627
[214] validation_0-error:0.143025 validation_0-logloss:0.352342 validation_1-error:0.13755 validation_1-logloss:0.358322
[215] validation_0-error:0.142689 validation_0-logloss:0.35193 validation_1-error:0.139251 validation_1-logloss:0.358062
[216] validation_0-error:0.142689 validation_0-logloss:0.351474 validation_1-error:0.138684 validation_1-logloss:0.357791
[217] validation_0-error:0.14231 validation_0-logloss:0.351128 validation_1-error:0.1384 validation_1-logloss:0.35777
[218] validation_0-error:0.142563 validation_0-logloss:0.350758 validation_1-error:0.137833 validation_1-logloss:0.35749
[219] validation_0-error:0.142352 validation_0-logloss:0.350384 validation_1-error:0.13755 validation_1-logloss:0.357308
[220] validation_0-error:0.14189 validation_0-logloss:0.349919 validation_1-error:0.137266 validation_1-logloss:0.357091
[221] validation_0-error:0.141385 validation_0-logloss:0.349487 validation_1-error:0.138684 validation_1-logloss:0.356845
[222] validation_0-error:0.141385 validation_0-logloss:0.349107 validation_1-error:0.138117 validation_1-logloss:0.356655

[223] validation_0-error:0.140964 validation_0-logloss:0.348753 validation_1-error:0.136982 validation_1-logloss:0.3564

[224] validation_0-error:0.14067 validation_0-logloss:0.348362 validation_1-error:0.137266 validation_1-logloss:0.356328

[225] validation_0-error:0.140375 validation_0-logloss:0.348015 validation_1-error:0.13755 validation_1-logloss:0.356194

[226] validation_0-error:0.140165 validation_0-logloss:0.347605 validation_1-error:0.136982 validation_1-logloss:0.355967

[227] validation_0-error:0.140501 validation_0-logloss:0.347169 validation_1-error:0.13755 validation_1-logloss:0.355727

[228] validation_0-error:0.140333 validation_0-logloss:0.34675 validation_1-error:0.137266 validation_1-logloss:0.355506

[229] validation_0-error:0.13966 validation_0-logloss:0.346315 validation_1-error:0.135564 validation_1-logloss:0.355131

[230] validation_0-error:0.138735 validation_0-logloss:0.345838 validation_1-error:0.137266 validation_1-logloss:0.354946

[231] validation_0-error:0.139155 validation_0-logloss:0.345398 validation_1-error:0.135848 validation_1-logloss:0.354679

[232] validation_0-error:0.138819 validation_0-logloss:0.345072 validation_1-error:0.135564 validation_1-logloss:0.354301

[233] validation_0-error:0.138945 validation_0-logloss:0.344737 validation_1-error:0.134714 validation_1-logloss:0.354144

[234] validation_0-error:0.13844 validation_0-logloss:0.34433 validation_1-error:0.134997 validation_1-logloss:0.353923

[235] validation_0-error:0.138062 validation_0-logloss:0.343961 validation_1-error:0.135564 validation_1-logloss:0.35364

[236] validation_0-error:0.137809 validation_0-logloss:0.343616 validation_1-error:0.134997 validation_1-logloss:0.35336

[237] validation_0-error:0.13722 validation_0-logloss:0.343263 validation_1-error:0.135848 validation_1-logloss:0.353076
[238] validation_0-error:0.137304 validation_0-logloss:0.342916 validation_1-error:0.136699 validation_1-logloss:0.352754
[239] validation_0-error:0.137052 validation_0-logloss:0.342541 validation_1-error:0.136132 validation_1-logloss:0.352632
[240] validation_0-error:0.137262 validation_0-logloss:0.342233 validation_1-error:0.135564 validation_1-logloss:0.352481
[241] validation_0-error:0.136758 validation_0-logloss:0.341817 validation_1-error:0.135564 validation_1-logloss:0.352184
[242] validation_0-error:0.136842 validation_0-logloss:0.34147 validation_1-error:0.136982 validation_1-logloss:0.352006
[243] validation_0-error:0.136042 validation_0-logloss:0.341032 validation_1-error:0.135848 validation_1-logloss:0.351743
[244] validation_0-error:0.135453 validation_0-logloss:0.340632 validation_1-error:0.134714 validation_1-logloss:0.351272
[245] validation_0-error:0.135622 validation_0-logloss:0.340245 validation_1-error:0.134997 validation_1-logloss:0.351055
[246] validation_0-error:0.135285 validation_0-logloss:0.33988 validation_1-error:0.135281 validation_1-logloss:0.350717
[247] validation_0-error:0.13558 validation_0-logloss:0.339497 validation_1-error:0.135848 validation_1-logloss:0.350558
[248] validation_0-error:0.135369 validation_0-logloss:0.339122 validation_1-error:0.135564 validation_1-logloss:0.350314
[249] validation_0-error:0.134949 validation_0-logloss:0.338774 validation_1-error:0.135848 validation_1-logloss:0.349991
[250] validation_0-error:0.134612 validation_0-logloss:0.338456 validation_1-error:0.135564 validation_1-logloss:0.349633

[251] validation_0-error:0.134486 validation_0-logloss:0.338071 validation_1-error:0.135848 validation_1-logloss:0.349008
[252] validation_0-error:0.134149 validation_0-logloss:0.337722 validation_1-error:0.134714 validation_1-logloss:0.348805
[253] validation_0-error:0.134191 validation_0-logloss:0.337389 validation_1-error:0.13443 validation_1-logloss:0.348598
[254] validation_0-error:0.133855 validation_0-logloss:0.337053 validation_1-error:0.134714 validation_1-logloss:0.348596
[255] validation_0-error:0.133392 validation_0-logloss:0.33671 validation_1-error:0.134714 validation_1-logloss:0.348292
[256] validation_0-error:0.132972 validation_0-logloss:0.336376 validation_1-error:0.135564 validation_1-logloss:0.348404
[257] validation_0-error:0.132803 validation_0-logloss:0.336029 validation_1-error:0.135848 validation_1-logloss:0.348303
[258] validation_0-error:0.132214 validation_0-logloss:0.335668 validation_1-error:0.135281 validation_1-logloss:0.348056
[259] validation_0-error:0.132088 validation_0-logloss:0.335365 validation_1-error:0.134997 validation_1-logloss:0.347797
[260] validation_0-error:0.13213 validation_0-logloss:0.335009 validation_1-error:0.133012 validation_1-logloss:0.347488
[261] validation_0-error:0.131962 validation_0-logloss:0.334652 validation_1-error:0.133012 validation_1-logloss:0.347371
[262] validation_0-error:0.131794 validation_0-logloss:0.334324 validation_1-error:0.132728 validation_1-logloss:0.347277
[263] validation_0-error:0.131331 validation_0-logloss:0.334033 validation_1-error:0.132445 validation_1-logloss:0.347108
[264] validation_0-error:0.131247 validation_0-logloss:0.333707 validation_1-error:0.132728 validation_1-logloss:0.347195

[265] validation_0-error:0.131205 validation_0-logloss:0.333332 validation_1-error:0.132445 validation_1-logloss:0.346973
[266] validation_0-error:0.131079 validation_0-logloss:0.333015 validation_1-error:0.133296 validation_1-logloss:0.346806
[267] validation_0-error:0.130195 validation_0-logloss:0.332703 validation_1-error:0.134146 validation_1-logloss:0.34661
[268] validation_0-error:0.130195 validation_0-logloss:0.332381 validation_1-error:0.134146 validation_1-logloss:0.346294
[269] validation_0-error:0.130027 validation_0-logloss:0.33205 validation_1-error:0.133579 validation_1-logloss:0.345961
[270] validation_0-error:0.130153 validation_0-logloss:0.331713 validation_1-error:0.133012 validation_1-logloss:0.345822
[271] validation_0-error:0.12948 validation_0-logloss:0.331407 validation_1-error:0.132728 validation_1-logloss:0.345735
[272] validation_0-error:0.129312 validation_0-logloss:0.331136 validation_1-error:0.132445 validation_1-logloss:0.345622
[273] validation_0-error:0.129354 validation_0-logloss:0.330882 validation_1-error:0.132728 validation_1-logloss:0.345404
[274] validation_0-error:0.128891 validation_0-logloss:0.330603 validation_1-error:0.132445 validation_1-logloss:0.345181
[275] validation_0-error:0.12826 validation_0-logloss:0.33026 validation_1-error:0.131877 validation_1-logloss:0.344977
[276] validation_0-error:0.128218 validation_0-logloss:0.329996 validation_1-error:0.13131 validation_1-logloss:0.344827
[277] validation_0-error:0.127924 validation_0-logloss:0.329707 validation_1-error:0.131594 validation_1-logloss:0.344523
[278] validation_0-error:0.127713 validation_0-logloss:0.329379 validation_1-error:0.132161 validation_1-logloss:0.344388

[279] validation_0-error:0.127251 validation_0-logloss:0.329089 validation_1-error:0.132445 validation_1-logloss:0.34435
[280] validation_0-error:0.12683 validation_0-logloss:0.328732 validation_1-error:0.132445 validation_1-logloss:0.34421
[281] validation_0-error:0.126956 validation_0-logloss:0.328415 validation_1-error:0.133012 validation_1-logloss:0.344019
[282] validation_0-error:0.126914 validation_0-logloss:0.328016 validation_1-error:0.132161 validation_1-logloss:0.343724
[283] validation_0-error:0.126662 validation_0-logloss:0.327686 validation_1-error:0.132161 validation_1-logloss:0.343528
[284] validation_0-error:0.126325 validation_0-logloss:0.327377 validation_1-error:0.132445 validation_1-logloss:0.343399
[285] validation_0-error:0.126451 validation_0-logloss:0.32709 validation_1-error:0.132161 validation_1-logloss:0.343315
[286] validation_0-error:0.126241 validation_0-logloss:0.326812 validation_1-error:0.132728 validation_1-logloss:0.343103
[287] validation_0-error:0.126073 validation_0-logloss:0.326548 validation_1-error:0.132728 validation_1-logloss:0.342875
[288] validation_0-error:0.126283 validation_0-logloss:0.326233 validation_1-error:0.132728 validation_1-logloss:0.342811
[289] validation_0-error:0.126031 validation_0-logloss:0.325822 validation_1-error:0.132728 validation_1-logloss:0.342491
[290] validation_0-error:0.12561 validation_0-logloss:0.325476 validation_1-error:0.132161 validation_1-logloss:0.342043
[291] validation_0-error:0.125231 validation_0-logloss:0.32523 validation_1-error:0.132161 validation_1-logloss:0.341832
[292] validation_0-error:0.124727 validation_0-logloss:0.324885 validation_1-error:0.131877 validation_1-logloss:0.3414

[293] validation_0-error:0.1246 validation_0-logloss:0.32
4587 validation_1-error:0.131877 validation_1-logloss:0.341204

[294] validation_0-error:0.124432 validation_0-logloss:0.324313
validation_1-error:0.131877 validation_1-logloss:0.341063

[295] validation_0-error:0.124348 validation_0-logloss:0.324039
validation_1-error:0.131594 validation_1-logloss:0.340893

[296] validation_0-error:0.124011 validation_0-logloss:0.323724
validation_1-error:0.131594 validation_1-logloss:0.340843

[297] validation_0-error:0.123759 validation_0-logloss:0.323467
validation_1-error:0.13131 validation_1-logloss:0.340656

[298] validation_0-error:0.124011 validation_0-logloss:0.323156
validation_1-error:0.131594 validation_1-logloss:0.340327

[299] validation_0-error:0.123801 validation_0-logloss:0.322849
validation_1-error:0.132728 validation_1-logloss:0.340023

[300] validation_0-error:0.123885 validation_0-logloss:0.32258
validation_1-error:0.132161 validation_1-logloss:0.339733

[301] validation_0-error:0.123465 validation_0-logloss:0.322285
validation_1-error:0.133296 validation_1-logloss:0.339567

[302] validation_0-error:0.12317 validation_0-logloss:0.322007
validation_1-error:0.132445 validation_1-logloss:0.339333

[303] validation_0-error:0.122918 validation_0-logloss:0.321719
validation_1-error:0.132161 validation_1-logloss:0.33912

[304] validation_0-error:0.122665 validation_0-logloss:0.321441
validation_1-error:0.132445 validation_1-logloss:0.339107

[305] validation_0-error:0.122749 validation_0-logloss:0.32114
validation_1-error:0.133012 validation_1-logloss:0.338932

[306] validation_0-error:0.122834 validation_0-logloss:0.32083
validation_1-error:0.133863 validation_1-logloss:0.338746

[307] validation_0-error:0.12296 validation_0-logloss:0.320516 validation_1-error:0.133012 validation_1-logloss:0.33899
[308] validation_0-error:0.122118 validation_0-logloss:0.320145 validation_1-error:0.133012 validation_1-logloss:0.338562
[309] validation_0-error:0.121782 validation_0-logloss:0.319849 validation_1-error:0.132161 validation_1-logloss:0.338494
[310] validation_0-error:0.121908 validation_0-logloss:0.319528 validation_1-error:0.132445 validation_1-logloss:0.338252
[311] validation_0-error:0.121656 validation_0-logloss:0.319213 validation_1-error:0.133296 validation_1-logloss:0.338033
[312] validation_0-error:0.12153 validation_0-logloss:0.318959 validation_1-error:0.132445 validation_1-logloss:0.337841
[313] validation_0-error:0.120941 validation_0-logloss:0.318637 validation_1-error:0.132445 validation_1-logloss:0.337605
[314] validation_0-error:0.120604 validation_0-logloss:0.318342 validation_1-error:0.132161 validation_1-logloss:0.337427
[315] validation_0-error:0.120394 validation_0-logloss:0.318087 validation_1-error:0.132161 validation_1-logloss:0.337223
[316] validation_0-error:0.12031 validation_0-logloss:0.317831 validation_1-error:0.133296 validation_1-logloss:0.337064
[317] validation_0-error:0.120183 validation_0-logloss:0.317558 validation_1-error:0.133863 validation_1-logloss:0.336764
[318] validation_0-error:0.119889 validation_0-logloss:0.317231 validation_1-error:0.133296 validation_1-logloss:0.3365
[319] validation_0-error:0.119468 validation_0-logloss:0.316994 validation_1-error:0.133296 validation_1-logloss:0.336332
[320] validation_0-error:0.119721 validation_0-logloss:0.316715 validation_1-error:0.133296 validation_1-logloss:0.336128

[321] validation_0-error:0.119721 validation_0-logloss:0.316439 validation_1-error:0.132445 validation_1-logloss:0.336041
[322] validation_0-error:0.119216 validation_0-logloss:0.316113 validation_1-error:0.132445 validation_1-logloss:0.335929
[323] validation_0-error:0.119637 validation_0-logloss:0.315832 validation_1-error:0.132161 validation_1-logloss:0.33566
[324] validation_0-error:0.119426 validation_0-logloss:0.315642 validation_1-error:0.132445 validation_1-logloss:0.335582
[325] validation_0-error:0.118669 validation_0-logloss:0.315338 validation_1-error:0.133012 validation_1-logloss:0.33555
[326] validation_0-error:0.119048 validation_0-logloss:0.315017 validation_1-error:0.132728 validation_1-logloss:0.335467
[327] validation_0-error:0.119048 validation_0-logloss:0.314811 validation_1-error:0.133296 validation_1-logloss:0.335321
[328] validation_0-error:0.118963 validation_0-logloss:0.314498 validation_1-error:0.132445 validation_1-logloss:0.335304
[329] validation_0-error:0.118837 validation_0-logloss:0.314293 validation_1-error:0.132728 validation_1-logloss:0.335199
[330] validation_0-error:0.11909 validation_0-logloss:0.314015 validation_1-error:0.131594 validation_1-logloss:0.335236
[331] validation_0-error:0.118879 validation_0-logloss:0.313778 validation_1-error:0.132161 validation_1-logloss:0.334957
[332] validation_0-error:0.118711 validation_0-logloss:0.313508 validation_1-error:0.132161 validation_1-logloss:0.334675
[333] validation_0-error:0.118332 validation_0-logloss:0.313232 validation_1-error:0.131877 validation_1-logloss:0.334599
[334] validation_0-error:0.11787 validation_0-logloss:0.312944 validation_1-error:0.130459 validation_1-logloss:0.334269

[335] validation_0-error:0.117407 validation_0-logloss:0.312687 validation_1-error:0.130176 validation_1-logloss:0.334064
[336] validation_0-error:0.116944 validation_0-logloss:0.312411 validation_1-error:0.129892 validation_1-logloss:0.334005
[337] validation_0-error:0.117155 validation_0-logloss:0.312199 validation_1-error:0.129609 validation_1-logloss:0.333858
[338] validation_0-error:0.117113 validation_0-logloss:0.311947 validation_1-error:0.129609 validation_1-logloss:0.333806
[339] validation_0-error:0.116355 validation_0-logloss:0.311667 validation_1-error:0.129325 validation_1-logloss:0.333897
[340] validation_0-error:0.11665 validation_0-logloss:0.311479 validation_1-error:0.129325 validation_1-logloss:0.333788
[341] validation_0-error:0.116271 validation_0-logloss:0.311201 validation_1-error:0.129325 validation_1-logloss:0.333706
[342] validation_0-error:0.116229 validation_0-logloss:0.310935 validation_1-error:0.128758 validation_1-logloss:0.333625
[343] validation_0-error:0.116313 validation_0-logloss:0.310631 validation_1-error:0.129325 validation_1-logloss:0.333574
[344] validation_0-error:0.116187 validation_0-logloss:0.310349 validation_1-error:0.128474 validation_1-logloss:0.333528
[345] validation_0-error:0.116187 validation_0-logloss:0.310033 validation_1-error:0.128474 validation_1-logloss:0.333349
[346] validation_0-error:0.116187 validation_0-logloss:0.3098 validation_1-error:0.128191 validation_1-logloss:0.333147
[347] validation_0-error:0.11644 validation_0-logloss:0.309547 validation_1-error:0.127907 validation_1-logloss:0.333001
[348] validation_0-error:0.116145 validation_0-logloss:0.309239 validation_1-error:0.128474 validation_1-logloss:0.332668

[349] validation_0-error:0.116019 validation_0-logloss:0.308916 validation_1-error:0.128191 validation_1-logloss:0.332534
[350] validation_0-error:0.11564 validation_0-logloss:0.308619 validation_1-error:0.127907 validation_1-logloss:0.332312
[351] validation_0-error:0.115809 validation_0-logloss:0.308347 validation_1-error:0.127623 validation_1-logloss:0.332148
[352] validation_0-error:0.115766 validation_0-logloss:0.308111 validation_1-error:0.127623 validation_1-logloss:0.331982
[353] validation_0-error:0.115514 validation_0-logloss:0.30784 validation_1-error:0.127623 validation_1-logloss:0.332074
[354] validation_0-error:0.115178 validation_0-logloss:0.307547 validation_1-error:0.128191 validation_1-logloss:0.331912
[355] validation_0-error:0.11522 validation_0-logloss:0.307322 validation_1-error:0.127623 validation_1-logloss:0.33175
[356] validation_0-error:0.11522 validation_0-logloss:0.307087 validation_1-error:0.127623 validation_1-logloss:0.331497
[357] validation_0-error:0.115135 validation_0-logloss:0.306822 validation_1-error:0.127907 validation_1-logloss:0.33126
[358] validation_0-error:0.115051 validation_0-logloss:0.306611 validation_1-error:0.127623 validation_1-logloss:0.331206
[359] validation_0-error:0.114504 validation_0-logloss:0.306334 validation_1-error:0.127907 validation_1-logloss:0.331024
[360] validation_0-error:0.114462 validation_0-logloss:0.30603 validation_1-error:0.127907 validation_1-logloss:0.330796
[361] validation_0-error:0.114631 validation_0-logloss:0.305792 validation_1-error:0.128191 validation_1-logloss:0.330615
[362] validation_0-error:0.114589 validation_0-logloss:0.305516 validation_1-error:0.127907 validation_1-logloss:0.330531

[363] validation_0-error:0.114378 validation_0-logloss:0.305225 validation_1-error:0.128191 validation_1-logloss:0.330291
[364] validation_0-error:0.114126 validation_0-logloss:0.304939 validation_1-error:0.128191 validation_1-logloss:0.330086
[365] validation_0-error:0.113705 validation_0-logloss:0.304652 validation_1-error:0.127623 validation_1-logloss:0.329828
[366] validation_0-error:0.113747 validation_0-logloss:0.304355 validation_1-error:0.12734 validation_1-logloss:0.329612
[367] validation_0-error:0.113621 validation_0-logloss:0.304113 validation_1-error:0.127623 validation_1-logloss:0.329485
[368] validation_0-error:0.113411 validation_0-logloss:0.303897 validation_1-error:0.12734 validation_1-logloss:0.329265
[369] validation_0-error:0.113158 validation_0-logloss:0.303672 validation_1-error:0.127056 validation_1-logloss:0.32914
[370] validation_0-error:0.112864 validation_0-logloss:0.303438 validation_1-error:0.12734 validation_1-logloss:0.328931
[371] validation_0-error:0.112611 validation_0-logloss:0.303195 validation_1-error:0.127623 validation_1-logloss:0.328904
[372] validation_0-error:0.112527 validation_0-logloss:0.303029 validation_1-error:0.127623 validation_1-logloss:0.328805
[373] validation_0-error:0.112527 validation_0-logloss:0.302741 validation_1-error:0.127056 validation_1-logloss:0.328631
[374] validation_0-error:0.112065 validation_0-logloss:0.302432 validation_1-error:0.126205 validation_1-logloss:0.32824
[375] validation_0-error:0.111728 validation_0-logloss:0.302229 validation_1-error:0.126205 validation_1-logloss:0.328292
[376] validation_0-error:0.111602 validation_0-logloss:0.301977 validation_1-error:0.126773 validation_1-logloss:0.328295

[377] validation_0-error:0.111812 validation_0-logloss:0.301696 validation_1-error:0.126773 validation_1-logloss:0.328235
[378] validation_0-error:0.111392 validation_0-logloss:0.301467 validation_1-error:0.126489 validation_1-logloss:0.327958
[379] validation_0-error:0.111518 validation_0-logloss:0.301271 validation_1-error:0.127056 validation_1-logloss:0.327789
[380] validation_0-error:0.111223 validation_0-logloss:0.301021 validation_1-error:0.12734 validation_1-logloss:0.327692
[381] validation_0-error:0.110718 validation_0-logloss:0.300746 validation_1-error:0.126773 validation_1-logloss:0.327525
[382] validation_0-error:0.111223 validation_0-logloss:0.300547 validation_1-error:0.126489 validation_1-logloss:0.327436
[383] validation_0-error:0.111013 validation_0-logloss:0.30025 validation_1-error:0.126773 validation_1-logloss:0.327352
[384] validation_0-error:0.110718 validation_0-logloss:0.299992 validation_1-error:0.126773 validation_1-logloss:0.327218
[385] validation_0-error:0.110718 validation_0-logloss:0.29972 validation_1-error:0.12734 validation_1-logloss:0.327053
[386] validation_0-error:0.110676 validation_0-logloss:0.299459 validation_1-error:0.127056 validation_1-logloss:0.326907
[387] validation_0-error:0.11055 validation_0-logloss:0.299209 validation_1-error:0.125638 validation_1-logloss:0.326677
[388] validation_0-error:0.11055 validation_0-logloss:0.298946 validation_1-error:0.127056 validation_1-logloss:0.326387
[389] validation_0-error:0.110634 validation_0-logloss:0.29869 validation_1-error:0.126489 validation_1-logloss:0.326294
[390] validation_0-error:0.110634 validation_0-logloss:0.298488 validation_1-error:0.12734 validation_1-logloss:0.326227

[391] validation_0-error:0.110634 validation_0-logloss:0.29821 validation_1-error:0.12734 validation_1-logloss:0.326093
[392] validation_0-error:0.110718 validation_0-logloss:0.297957 validation_1-error:0.127623 validation_1-logloss:0.326003
[393] validation_0-error:0.110424 validation_0-logloss:0.297706 validation_1-error:0.127056 validation_1-logloss:0.325826
[394] validation_0-error:0.110382 validation_0-logloss:0.297461 validation_1-error:0.127056 validation_1-logloss:0.325822
[395] validation_0-error:0.110087 validation_0-logloss:0.297234 validation_1-error:0.126773 validation_1-logloss:0.325827
[396] validation_0-error:0.109583 validation_0-logloss:0.296993 validation_1-error:0.126489 validation_1-logloss:0.325609
[397] validation_0-error:0.109751 validation_0-logloss:0.296787 validation_1-error:0.127623 validation_1-logloss:0.325367
[398] validation_0-error:0.109751 validation_0-logloss:0.296492 validation_1-error:0.127056 validation_1-logloss:0.325139
[399] validation_0-error:0.109709 validation_0-logloss:0.296278 validation_1-error:0.126773 validation_1-logloss:0.325011
[400] validation_0-error:0.109751 validation_0-logloss:0.296012 validation_1-error:0.126773 validation_1-logloss:0.324945
[401] validation_0-error:0.109457 validation_0-logloss:0.295731 validation_1-error:0.127623 validation_1-logloss:0.324669
[402] validation_0-error:0.108994 validation_0-logloss:0.295491 validation_1-error:0.127623 validation_1-logloss:0.324614
[403] validation_0-error:0.109036 validation_0-logloss:0.295284 validation_1-error:0.127056 validation_1-logloss:0.324652
[404] validation_0-error:0.108783 validation_0-logloss:0.295059 validation_1-error:0.127056 validation_1-logloss:0.32465

[405] validation_0-error:0.108531 validation_0-logloss:0.294828 validation_1-error:0.126773 validation_1-logloss:0.324524
[406] validation_0-error:0.108405 validation_0-logloss:0.294585 validation_1-error:0.128191 validation_1-logloss:0.324273
[407] validation_0-error:0.108489 validation_0-logloss:0.294404 validation_1-error:0.127056 validation_1-logloss:0.324065
[408] validation_0-error:0.108026 validation_0-logloss:0.294158 validation_1-error:0.126489 validation_1-logloss:0.324093
[409] validation_0-error:0.107606 validation_0-logloss:0.293921 validation_1-error:0.126205 validation_1-logloss:0.324032
[410] validation_0-error:0.107521 validation_0-logloss:0.293727 validation_1-error:0.125922 validation_1-logloss:0.323828
[411] validation_0-error:0.107311 validation_0-logloss:0.293441 validation_1-error:0.125922 validation_1-logloss:0.323747
[412] validation_0-error:0.107269 validation_0-logloss:0.293278 validation_1-error:0.125355 validation_1-logloss:0.323556
[413] validation_0-error:0.107143 validation_0-logloss:0.29306 validation_1-error:0.124787 validation_1-logloss:0.323499
[414] validation_0-error:0.107017 validation_0-logloss:0.292825 validation_1-error:0.124504 validation_1-logloss:0.323202
[415] validation_0-error:0.107017 validation_0-logloss:0.292624 validation_1-error:0.124787 validation_1-logloss:0.323123
[416] validation_0-error:0.106933 validation_0-logloss:0.292398 validation_1-error:0.125071 validation_1-logloss:0.323038
[417] validation_0-error:0.107227 validation_0-logloss:0.292139 validation_1-error:0.123086 validation_1-logloss:0.322881
[418] validation_0-error:0.106975 validation_0-logloss:0.29185 validation_1-error:0.122802 validation_1-logloss:0.322673

[419] validation_0-error:0.107101 validation_0-logloss:0.291694 validation_1-error:0.123369 validation_1-logloss:0.322707
[420] validation_0-error:0.106848 validation_0-logloss:0.291476 validation_1-error:0.123653 validation_1-logloss:0.32255
[421] validation_0-error:0.10689 validation_0-logloss:0.291248 validation_1-error:0.12422 validation_1-logloss:0.322521
[422] validation_0-error:0.106259 validation_0-logloss:0.290996 validation_1-error:0.12422 validation_1-logloss:0.322219
[423] validation_0-error:0.106638 validation_0-logloss:0.290756 validation_1-error:0.124787 validation_1-logloss:0.322043
[424] validation_0-error:0.106259 validation_0-logloss:0.290512 validation_1-error:0.124504 validation_1-logloss:0.322033
[425] validation_0-error:0.106344 validation_0-logloss:0.290319 validation_1-error:0.124787 validation_1-logloss:0.321961
[426] validation_0-error:0.106344 validation_0-logloss:0.290134 validation_1-error:0.125071 validation_1-logloss:0.321908
[427] validation_0-error:0.106091 validation_0-logloss:0.289912 validation_1-error:0.124504 validation_1-logloss:0.32185
[428] validation_0-error:0.106007 validation_0-logloss:0.289748 validation_1-error:0.12422 validation_1-logloss:0.321692
[429] validation_0-error:0.105965 validation_0-logloss:0.28949 validation_1-error:0.12422 validation_1-logloss:0.321543
[430] validation_0-error:0.105881 validation_0-logloss:0.289303 validation_1-error:0.123936 validation_1-logloss:0.321443
[431] validation_0-error:0.105755 validation_0-logloss:0.28906 validation_1-error:0.12422 validation_1-logloss:0.32137
[432] validation_0-error:0.105628 validation_0-logloss:0.288838 validation_1-error:0.124504 validation_1-logloss:0.321358

[433] validation_0-error:0.105502 validation_0-logloss:0.288582 validation_1-error:0.125355 validation_1-logloss:0.32128
[434] validation_0-error:0.105502 validation_0-logloss:0.288359 validation_1-error:0.125355 validation_1-logloss:0.321214
[435] validation_0-error:0.104997 validation_0-logloss:0.288128 validation_1-error:0.12422 validation_1-logloss:0.321066
[436] validation_0-error:0.10504 validation_0-logloss:0.287935 validation_1-error:0.123653 validation_1-logloss:0.321021
[437] validation_0-error:0.104955 validation_0-logloss:0.287713 validation_1-error:0.123086 validation_1-logloss:0.320923
[438] validation_0-error:0.104997 validation_0-logloss:0.287518 validation_1-error:0.123369 validation_1-logloss:0.320738
[439] validation_0-error:0.104787 validation_0-logloss:0.287304 validation_1-error:0.123653 validation_1-logloss:0.320706
[440] validation_0-error:0.104577 validation_0-logloss:0.287078 validation_1-error:0.123369 validation_1-logloss:0.320635
[441] validation_0-error:0.10424 validation_0-logloss:0.286841 validation_1-error:0.122518 validation_1-logloss:0.320466
[442] validation_0-error:0.103946 validation_0-logloss:0.286625 validation_1-error:0.123086 validation_1-logloss:0.32037
[443] validation_0-error:0.103778 validation_0-logloss:0.28639 validation_1-error:0.121951 validation_1-logloss:0.320137
[444] validation_0-error:0.10382 validation_0-logloss:0.286221 validation_1-error:0.123369 validation_1-logloss:0.320038
[445] validation_0-error:0.103651 validation_0-logloss:0.28598 validation_1-error:0.123086 validation_1-logloss:0.319889
[446] validation_0-error:0.103988 validation_0-logloss:0.285799 validation_1-error:0.123086 validation_1-logloss:0.319788

[447] validation_0-error:0.103862 validation_0-logloss:0.285585 validation_1-error:0.123653 validation_1-logloss:0.31979

[448] validation_0-error:0.103441 validation_0-logloss:0.285357 validation_1-error:0.122802 validation_1-logloss:0.319716

[449] validation_0-error:0.10302 validation_0-logloss:0.285126 validation_1-error:0.122802 validation_1-logloss:0.31969

[450] validation_0-error:0.10302 validation_0-logloss:0.284886 validation_1-error:0.123369 validation_1-logloss:0.319601

[451] validation_0-error:0.103147 validation_0-logloss:0.284676 validation_1-error:0.123653 validation_1-logloss:0.319502

[452] validation_0-error:0.102768 validation_0-logloss:0.284486 validation_1-error:0.123086 validation_1-logloss:0.319297

[453] validation_0-error:0.102726 validation_0-logloss:0.284281 validation_1-error:0.123086 validation_1-logloss:0.319119

[454] validation_0-error:0.102347 validation_0-logloss:0.284063 validation_1-error:0.123086 validation_1-logloss:0.318941

[455] validation_0-error:0.101885 validation_0-logloss:0.283833 validation_1-error:0.122518 validation_1-logloss:0.318979

[456] validation_0-error:0.102095 validation_0-logloss:0.283619 validation_1-error:0.123369 validation_1-logloss:0.318771

[457] validation_0-error:0.102179 validation_0-logloss:0.283396 validation_1-error:0.123086 validation_1-logloss:0.318641

[458] validation_0-error:0.101969 validation_0-logloss:0.28317 validation_1-error:0.122235 validation_1-logloss:0.318414

[459] validation_0-error:0.101674 validation_0-logloss:0.282935 validation_1-error:0.122235 validation_1-logloss:0.318262

[460] validation_0-error:0.101422 validation_0-logloss:0.282743 validation_1-error:0.122235 validation_1-logloss:0.318047

[461] validation_0-error:0.101422 validation_0-logloss:0.282541 validation_1-error:0.122518 validation_1-logloss:0.318027
[462] validation_0-error:0.101169 validation_0-logloss:0.282329 validation_1-error:0.122518 validation_1-logloss:0.318022
[463] validation_0-error:0.101127 validation_0-logloss:0.282094 validation_1-error:0.121384 validation_1-logloss:0.31799
[464] validation_0-error:0.101296 validation_0-logloss:0.281866 validation_1-error:0.1211 validation_1-logloss:0.317948
[465] validation_0-error:0.101296 validation_0-logloss:0.281621 validation_1-error:0.120533 validation_1-logloss:0.317767
[466] validation_0-error:0.100791 validation_0-logloss:0.281366 validation_1-error:0.120817 validation_1-logloss:0.317589
[467] validation_0-error:0.101001 validation_0-logloss:0.281162 validation_1-error:0.120817 validation_1-logloss:0.317535
[468] validation_0-error:0.100875 validation_0-logloss:0.280926 validation_1-error:0.12025 validation_1-logloss:0.317324
[469] validation_0-error:0.10037 validation_0-logloss:0.280688 validation_1-error:0.12025 validation_1-logloss:0.317072
[470] validation_0-error:0.100076 validation_0-logloss:0.280459 validation_1-error:0.120533 validation_1-logloss:0.317047
[471] validation_0-error:0.10016 validation_0-logloss:0.280223 validation_1-error:0.12025 validation_1-logloss:0.316902
[472] validation_0-error:0.099697 validation_0-logloss:0.280086 validation_1-error:0.119966 validation_1-logloss:0.316827
[473] validation_0-error:0.099655 validation_0-logloss:0.279895 validation_1-error:0.119966 validation_1-logloss:0.316699
[474] validation_0-error:0.099108 validation_0-logloss:0.279673 validation_1-error:0.119682 validation_1-logloss:0.316593

[475] validation_0-error:0.09915 validation_0-logloss:0.279429 validation_1-error:0.119966 validation_1-logloss:0.316432
[476] validation_0-error:0.098982 validation_0-logloss:0.279226 validation_1-error:0.12025 validation_1-logloss:0.316227
[477] validation_0-error:0.099024 validation_0-logloss:0.279039 validation_1-error:0.12025 validation_1-logloss:0.316046
[478] validation_0-error:0.098856 validation_0-logloss:0.278775 validation_1-error:0.12025 validation_1-logloss:0.315823
[479] validation_0-error:0.098772 validation_0-logloss:0.278604 validation_1-error:0.12025 validation_1-logloss:0.315697
[480] validation_0-error:0.098688 validation_0-logloss:0.278404 validation_1-error:0.119399 validation_1-logloss:0.315521
[481] validation_0-error:0.098603 validation_0-logloss:0.278185 validation_1-error:0.119399 validation_1-logloss:0.315525
[482] validation_0-error:0.098561 validation_0-logloss:0.277869 validation_1-error:0.118832 validation_1-logloss:0.315202
[483] validation_0-error:0.098393 validation_0-logloss:0.277726 validation_1-error:0.119399 validation_1-logloss:0.314987
[484] validation_0-error:0.098099 validation_0-logloss:0.277527 validation_1-error:0.119682 validation_1-logloss:0.314926
[485] validation_0-error:0.098561 validation_0-logloss:0.277323 validation_1-error:0.12025 validation_1-logloss:0.315006
[486] validation_0-error:0.098351 validation_0-logloss:0.277111 validation_1-error:0.12025 validation_1-logloss:0.314994
[487] validation_0-error:0.098267 validation_0-logloss:0.276894 validation_1-error:0.119966 validation_1-logloss:0.314853
[488] validation_0-error:0.098225 validation_0-logloss:0.276706 validation_1-error:0.119682 validation_1-logloss:0.314737

[489] validation_0-error:0.098267 validation_0-logloss:0.276539 validation_1-error:0.119682 validation_1-logloss:0.3147

[490] validation_0-error:0.098309 validation_0-logloss:0.276375 validation_1-error:0.12025 validation_1-logloss:0.314589

[491] validation_0-error:0.097804 validation_0-logloss:0.276185 validation_1-error:0.119399 validation_1-logloss:0.314476

[492] validation_0-error:0.097383 validation_0-logloss:0.275974 validation_1-error:0.119115 validation_1-logloss:0.314439

[493] validation_0-error:0.097257 validation_0-logloss:0.275773 validation_1-error:0.119115 validation_1-logloss:0.314287

[494] validation_0-error:0.097257 validation_0-logloss:0.275531 validation_1-error:0.117981 validation_1-logloss:0.314091

[495] validation_0-error:0.097173 validation_0-logloss:0.27535 validation_1-error:0.119399 validation_1-logloss:0.31384

[496] validation_0-error:0.096879 validation_0-logloss:0.275196 validation_1-error:0.119115 validation_1-logloss:0.313855

[497] validation_0-error:0.096752 validation_0-logloss:0.274952 validation_1-error:0.118548 validation_1-logloss:0.313762

[498] validation_0-error:0.096542 validation_0-logloss:0.274764 validation_1-error:0.118832 validation_1-logloss:0.31379

[499] validation_0-error:0.0965 validation_0-logloss:0.274544 validation_1-error:0.119115 validation_1-logloss:0.313648

[500] validation_0-error:0.0965 validation_0-logloss:0.274361 validation_1-error:0.119115 validation_1-logloss:0.313615

[501] validation_0-error:0.096416 validation_0-logloss:0.274157 validation_1-error:0.119399 validation_1-logloss:0.31362

[502] validation_0-error:0.096626 validation_0-logloss:0.273931 validation_1-error:0.119682 validation_1-logloss:0.313492

[503] validation_0-error:0.0965 validation_0-logloss:0.27
372 validation_1-error:0.119399 validation_1-logloss:0.313381

[504] validation_0-error:0.096206 validation_0-logloss:0.273527
validation_1-error:0.119682 validation_1-logloss:0.313465

[505] validation_0-error:0.096332 validation_0-logloss:0.273401
validation_1-error:0.119966 validation_1-logloss:0.313387

[506] validation_0-error:0.096079 validation_0-logloss:0.273237
validation_1-error:0.119966 validation_1-logloss:0.313384

[507] validation_0-error:0.095995 validation_0-logloss:0.273051
validation_1-error:0.119682 validation_1-logloss:0.313221

[508] validation_0-error:0.095995 validation_0-logloss:0.272924
validation_1-error:0.119682 validation_1-logloss:0.313237

[509] validation_0-error:0.095911 validation_0-logloss:0.272725
validation_1-error:0.119682 validation_1-logloss:0.31314

[510] validation_0-error:0.095785 validation_0-logloss:0.272458
validation_1-error:0.119399 validation_1-logloss:0.313075

[511] validation_0-error:0.095533 validation_0-logloss:0.272262
validation_1-error:0.119682 validation_1-logloss:0.313055

[512] validation_0-error:0.09549 validation_0-logloss:0.272053
validation_1-error:0.119966 validation_1-logloss:0.312863

[513] validation_0-error:0.095322 validation_0-logloss:0.271874
validation_1-error:0.119682 validation_1-logloss:0.312772

[514] validation_0-error:0.09549 validation_0-logloss:0.27171
validation_1-error:0.119399 validation_1-logloss:0.312712

[515] validation_0-error:0.09549 validation_0-logloss:0.271598
validation_1-error:0.119682 validation_1-logloss:0.312686

[516] validation_0-error:0.095196 validation_0-logloss:0.271392
validation_1-error:0.119115 validation_1-logloss:0.312576

[517] validation_0-error:0.095575 validation_0-logloss:0.271197 validation_1-error:0.118264 validation_1-logloss:0.312526
[518] validation_0-error:0.095533 validation_0-logloss:0.270988 validation_1-error:0.117697 validation_1-logloss:0.312342
[519] validation_0-error:0.095364 validation_0-logloss:0.270821 validation_1-error:0.118264 validation_1-logloss:0.312436
[520] validation_0-error:0.094944 validation_0-logloss:0.270633 validation_1-error:0.119399 validation_1-logloss:0.312372
[521] validation_0-error:0.094523 validation_0-logloss:0.27045 validation_1-error:0.12025 validation_1-logloss:0.312474
[522] validation_0-error:0.094481 validation_0-logloss:0.270292 validation_1-error:0.119682 validation_1-logloss:0.312335
[523] validation_0-error:0.094102 validation_0-logloss:0.270099 validation_1-error:0.119115 validation_1-logloss:0.312293
[524] validation_0-error:0.094481 validation_0-logloss:0.269915 validation_1-error:0.119966 validation_1-logloss:0.312157
[525] validation_0-error:0.094691 validation_0-logloss:0.269749 validation_1-error:0.119966 validation_1-logloss:0.312055
[526] validation_0-error:0.094229 validation_0-logloss:0.269572 validation_1-error:0.119399 validation_1-logloss:0.311894
[527] validation_0-error:0.09406 validation_0-logloss:0.269354 validation_1-error:0.118264 validation_1-logloss:0.311693
[528] validation_0-error:0.094271 validation_0-logloss:0.269143 validation_1-error:0.117981 validation_1-logloss:0.311496
[529] validation_0-error:0.093934 validation_0-logloss:0.268997 validation_1-error:0.117981 validation_1-logloss:0.311443
[530] validation_0-error:0.093598 validation_0-logloss:0.268786 validation_1-error:0.118264 validation_1-logloss:0.311308

[531] validation_0-error:0.093555 validation_0-logloss:0.268541 validation_1-error:0.118264 validation_1-logloss:0.311049
[532] validation_0-error:0.093429 validation_0-logloss:0.268358 validation_1-error:0.118264 validation_1-logloss:0.310867
[533] validation_0-error:0.093555 validation_0-logloss:0.268189 validation_1-error:0.117981 validation_1-logloss:0.310758
[534] validation_0-error:0.093219 validation_0-logloss:0.268068 validation_1-error:0.118832 validation_1-logloss:0.310708
[535] validation_0-error:0.093387 validation_0-logloss:0.267853 validation_1-error:0.118264 validation_1-logloss:0.31057
[536] validation_0-error:0.093303 validation_0-logloss:0.267686 validation_1-error:0.117981 validation_1-logloss:0.310496
[537] validation_0-error:0.093219 validation_0-logloss:0.267509 validation_1-error:0.117981 validation_1-logloss:0.310392
[538] validation_0-error:0.093051 validation_0-logloss:0.267344 validation_1-error:0.117697 validation_1-logloss:0.310276
[539] validation_0-error:0.093051 validation_0-logloss:0.267174 validation_1-error:0.118264 validation_1-logloss:0.310167
[540] validation_0-error:0.092924 validation_0-logloss:0.266984 validation_1-error:0.118548 validation_1-logloss:0.31013
[541] validation_0-error:0.092672 validation_0-logloss:0.266772 validation_1-error:0.119115 validation_1-logloss:0.310121
[542] validation_0-error:0.092714 validation_0-logloss:0.266599 validation_1-error:0.119115 validation_1-logloss:0.309989
[543] validation_0-error:0.092504 validation_0-logloss:0.266469 validation_1-error:0.118548 validation_1-logloss:0.309863
[544] validation_0-error:0.092378 validation_0-logloss:0.266285 validation_1-error:0.118832 validation_1-logloss:0.309747

[545] validation_0-error:0.092167 validation_0-logloss:0.266088 validation_1-error:0.118264 validation_1-logloss:0.309863
[546] validation_0-error:0.092209 validation_0-logloss:0.265893 validation_1-error:0.118264 validation_1-logloss:0.309843
[547] validation_0-error:0.09242 validation_0-logloss:0.265709 validation_1-error:0.117697 validation_1-logloss:0.309787
[548] validation_0-error:0.09263 validation_0-logloss:0.265497 validation_1-error:0.117413 validation_1-logloss:0.309529
[549] validation_0-error:0.091957 validation_0-logloss:0.265304 validation_1-error:0.116563 validation_1-logloss:0.309331
[550] validation_0-error:0.091957 validation_0-logloss:0.265108 validation_1-error:0.116563 validation_1-logloss:0.30907
[551] validation_0-error:0.091747 validation_0-logloss:0.264962 validation_1-error:0.116279 validation_1-logloss:0.308928
[552] validation_0-error:0.091578 validation_0-logloss:0.264806 validation_1-error:0.116279 validation_1-logloss:0.308802
[553] validation_0-error:0.09141 validation_0-logloss:0.26462 validation_1-error:0.115712 validation_1-logloss:0.308823
[554] validation_0-error:0.091326 validation_0-logloss:0.264455 validation_1-error:0.114861 validation_1-logloss:0.308717
[555] validation_0-error:0.091031 validation_0-logloss:0.264264 validation_1-error:0.115145 validation_1-logloss:0.308684
[556] validation_0-error:0.0912 validation_0-logloss:0.264092 validation_1-error:0.115428 validation_1-logloss:0.308506
[557] validation_0-error:0.090989 validation_0-logloss:0.263959 validation_1-error:0.114577 validation_1-logloss:0.308467
[558] validation_0-error:0.090947 validation_0-logloss:0.263751 validation_1-error:0.115428 validation_1-logloss:0.308359

[559] validation_0-error:0.090947 validation_0-logloss:0.263542 validation_1-error:0.11401 validation_1-logloss:0.308098
[560] validation_0-error:0.090485 validation_0-logloss:0.263325 validation_1-error:0.114577 validation_1-logloss:0.307995
[561] validation_0-error:0.090316 validation_0-logloss:0.263129 validation_1-error:0.11401 validation_1-logloss:0.307918
[562] validation_0-error:0.090358 validation_0-logloss:0.262981 validation_1-error:0.11401 validation_1-logloss:0.308001
[563] validation_0-error:0.090443 validation_0-logloss:0.262818 validation_1-error:0.11401 validation_1-logloss:0.308053
[564] validation_0-error:0.090274 validation_0-logloss:0.262653 validation_1-error:0.11401 validation_1-logloss:0.308029
[565] validation_0-error:0.090022 validation_0-logloss:0.262498 validation_1-error:0.114577 validation_1-logloss:0.308019
[566] validation_0-error:0.08998 validation_0-logloss:0.262308 validation_1-error:0.115145 validation_1-logloss:0.307917
[567] validation_0-error:0.08998 validation_0-logloss:0.262068 validation_1-error:0.11713 validation_1-logloss:0.307711
[568] validation_0-error:0.089896 validation_0-logloss:0.261892 validation_1-error:0.116279 validation_1-logloss:0.307684
[569] validation_0-error:0.089769 validation_0-logloss:0.261782 validation_1-error:0.11713 validation_1-logloss:0.307582
[570] validation_0-error:0.089769 validation_0-logloss:0.2616 validation_1-error:0.116846 validation_1-logloss:0.307543
[571] validation_0-error:0.089685 validation_0-logloss:0.261474 validation_1-error:0.116846 validation_1-logloss:0.307496
[572] validation_0-error:0.089559 validation_0-logloss:0.261259 validation_1-error:0.11713 validation_1-logloss:0.307344

[573] validation_0-error:0.089391 validation_0-logloss:0.261062 validation_1-error:0.116846 validation_1-logloss:0.307231
[574] validation_0-error:0.089433 validation_0-logloss:0.260883 validation_1-error:0.116279 validation_1-logloss:0.307129
[575] validation_0-error:0.089433 validation_0-logloss:0.260687 validation_1-error:0.115712 validation_1-logloss:0.307007
[576] validation_0-error:0.089349 validation_0-logloss:0.260479 validation_1-error:0.115712 validation_1-logloss:0.306847
[577] validation_0-error:0.089223 validation_0-logloss:0.260323 validation_1-error:0.115712 validation_1-logloss:0.306804
[578] validation_0-error:0.089181 validation_0-logloss:0.260152 validation_1-error:0.116846 validation_1-logloss:0.306753
[579] validation_0-error:0.089096 validation_0-logloss:0.25996 validation_1-error:0.116563 validation_1-logloss:0.306697
[580] validation_0-error:0.088676 validation_0-logloss:0.25977 validation_1-error:0.115995 validation_1-logloss:0.306502
[581] validation_0-error:0.088592 validation_0-logloss:0.259588 validation_1-error:0.115712 validation_1-logloss:0.306449
[582] validation_0-error:0.088507 validation_0-logloss:0.259436 validation_1-error:0.115712 validation_1-logloss:0.30638
[583] validation_0-error:0.088592 validation_0-logloss:0.259246 validation_1-error:0.115995 validation_1-logloss:0.306436
[584] validation_0-error:0.088592 validation_0-logloss:0.259132 validation_1-error:0.115995 validation_1-logloss:0.306455
[585] validation_0-error:0.088802 validation_0-logloss:0.25894 validation_1-error:0.116279 validation_1-logloss:0.30648
[586] validation_0-error:0.088507 validation_0-logloss:0.258774 validation_1-error:0.116279 validation_1-logloss:0.306432

[587] validation_0-error:0.088592 validation_0-logloss:0.2586 validation_1-error:0.117413 validation_1-logloss:0.306308
[588] validation_0-error:0.088507 validation_0-logloss:0.258394 validation_1-error:0.116563 validation_1-logloss:0.306183
[589] validation_0-error:0.088255 validation_0-logloss:0.258213 validation_1-error:0.115428 validation_1-logloss:0.306082
[590] validation_0-error:0.088213 validation_0-logloss:0.258016 validation_1-error:0.115145 validation_1-logloss:0.306012
[591] validation_0-error:0.088381 validation_0-logloss:0.257836 validation_1-error:0.115712 validation_1-logloss:0.305931
[592] validation_0-error:0.088087 validation_0-logloss:0.257669 validation_1-error:0.115428 validation_1-logloss:0.305954
[593] validation_0-error:0.08775 validation_0-logloss:0.257495 validation_1-error:0.115428 validation_1-logloss:0.305875
[594] validation_0-error:0.087666 validation_0-logloss:0.257387 validation_1-error:0.115145 validation_1-logloss:0.305829
[595] validation_0-error:0.087666 validation_0-logloss:0.257201 validation_1-error:0.115145 validation_1-logloss:0.30571
[596] validation_0-error:0.087792 validation_0-logloss:0.257054 validation_1-error:0.115428 validation_1-logloss:0.305582
[597] validation_0-error:0.087666 validation_0-logloss:0.256887 validation_1-error:0.114861 validation_1-logloss:0.305522
[598] validation_0-error:0.087582 validation_0-logloss:0.256723 validation_1-error:0.115712 validation_1-logloss:0.305462
[599] validation_0-error:0.087161 validation_0-logloss:0.256514 validation_1-error:0.115428 validation_1-logloss:0.305463
[600] validation_0-error:0.087456 validation_0-logloss:0.256338 validation_1-error:0.117413 validation_1-logloss:0.305416

[601] validation_0-error:0.087246 validation_0-logloss:0.256189 validation_1-error:0.116846 validation_1-logloss:0.305313
[602] validation_0-error:0.087246 validation_0-logloss:0.256023 validation_1-error:0.116279 validation_1-logloss:0.30543
[603] validation_0-error:0.087288 validation_0-logloss:0.255849 validation_1-error:0.115995 validation_1-logloss:0.305449
[604] validation_0-error:0.087203 validation_0-logloss:0.255653 validation_1-error:0.115712 validation_1-logloss:0.305399
[605] validation_0-error:0.087035 validation_0-logloss:0.255498 validation_1-error:0.115712 validation_1-logloss:0.305395
[606] validation_0-error:0.086278 validation_0-logloss:0.255336 validation_1-error:0.115428 validation_1-logloss:0.30538
[607] validation_0-error:0.086362 validation_0-logloss:0.255165 validation_1-error:0.115712 validation_1-logloss:0.305344
[608] validation_0-error:0.08632 validation_0-logloss:0.255018 validation_1-error:0.115995 validation_1-logloss:0.305214
[609] validation_0-error:0.086194 validation_0-logloss:0.25487 validation_1-error:0.115712 validation_1-logloss:0.305237
[610] validation_0-error:0.086404 validation_0-logloss:0.254681 validation_1-error:0.116279 validation_1-logloss:0.305179
[611] validation_0-error:0.086699 validation_0-logloss:0.254507 validation_1-error:0.115995 validation_1-logloss:0.305098
[612] validation_0-error:0.08653 validation_0-logloss:0.254338 validation_1-error:0.115995 validation_1-logloss:0.304966
[613] validation_0-error:0.086278 validation_0-logloss:0.254209 validation_1-error:0.115995 validation_1-logloss:0.304729
[614] validation_0-error:0.08632 validation_0-logloss:0.254034 validation_1-error:0.115712 validation_1-logloss:0.304637

[615] validation_0-error:0.086278 validation_0-logloss:0.253858 validation_1-error:0.115995 validation_1-logloss:0.304632
[616] validation_0-error:0.085984 validation_0-logloss:0.253697 validation_1-error:0.115428 validation_1-logloss:0.304585
[617] validation_0-error:0.085773 validation_0-logloss:0.25353 validation_1-error:0.115145 validation_1-logloss:0.304522
[618] validation_0-error:0.08611 validation_0-logloss:0.253352 validation_1-error:0.115712 validation_1-logloss:0.304431
[619] validation_0-error:0.085773 validation_0-logloss:0.253256 validation_1-error:0.116279 validation_1-logloss:0.304316
[620] validation_0-error:0.085773 validation_0-logloss:0.253078 validation_1-error:0.115995 validation_1-logloss:0.304194
[621] validation_0-error:0.085689 validation_0-logloss:0.252908 validation_1-error:0.115995 validation_1-logloss:0.304082
[622] validation_0-error:0.085689 validation_0-logloss:0.252711 validation_1-error:0.116563 validation_1-logloss:0.304029
[623] validation_0-error:0.085647 validation_0-logloss:0.25249 validation_1-error:0.116279 validation_1-logloss:0.303879
[624] validation_0-error:0.085563 validation_0-logloss:0.25234 validation_1-error:0.116563 validation_1-logloss:0.303847
[625] validation_0-error:0.085353 validation_0-logloss:0.252217 validation_1-error:0.117413 validation_1-logloss:0.303779
[626] validation_0-error:0.085395 validation_0-logloss:0.252039 validation_1-error:0.115995 validation_1-logloss:0.303665
[627] validation_0-error:0.085226 validation_0-logloss:0.251899 validation_1-error:0.115712 validation_1-logloss:0.303559
[628] validation_0-error:0.085016 validation_0-logloss:0.251707 validation_1-error:0.115145 validation_1-logloss:0.30337

[629] validation_0-error:0.085353 validation_0-logloss:0.251534 validation_1-error:0.115145 validation_1-logloss:0.303273
[630] validation_0-error:0.085142 validation_0-logloss:0.251339 validation_1-error:0.116279 validation_1-logloss:0.303141
[631] validation_0-error:0.085184 validation_0-logloss:0.251191 validation_1-error:0.116279 validation_1-logloss:0.303035
[632] validation_0-error:0.085016 validation_0-logloss:0.251001 validation_1-error:0.115712 validation_1-logloss:0.303111
[633] validation_0-error:0.085226 validation_0-logloss:0.250843 validation_1-error:0.115145 validation_1-logloss:0.303054
[634] validation_0-error:0.085226 validation_0-logloss:0.250685 validation_1-error:0.115712 validation_1-logloss:0.303054
[635] validation_0-error:0.085016 validation_0-logloss:0.250484 validation_1-error:0.115428 validation_1-logloss:0.303051
[636] validation_0-error:0.084932 validation_0-logloss:0.250328 validation_1-error:0.115428 validation_1-logloss:0.302956
[637] validation_0-error:0.084806 validation_0-logloss:0.250236 validation_1-error:0.115712 validation_1-logloss:0.30286
[638] validation_0-error:0.084637 validation_0-logloss:0.250086 validation_1-error:0.114861 validation_1-logloss:0.302888
[639] validation_0-error:0.084595 validation_0-logloss:0.249994 validation_1-error:0.114861 validation_1-logloss:0.302798
[640] validation_0-error:0.084469 validation_0-logloss:0.249837 validation_1-error:0.114861 validation_1-logloss:0.302682
[641] validation_0-error:0.084469 validation_0-logloss:0.249688 validation_1-error:0.114861 validation_1-logloss:0.30263
[642] validation_0-error:0.084217 validation_0-logloss:0.249521 validation_1-error:0.114861 validation_1-logloss:0.302645

[643] validation_0-error:0.084217 validation_0-logloss:0.249338 validation_1-error:0.114577 validation_1-logloss:0.30244

[644] validation_0-error:0.084259 validation_0-logloss:0.249204 validation_1-error:0.114294 validation_1-logloss:0.302278

[645] validation_0-error:0.084133 validation_0-logloss:0.24904 validation_1-error:0.11401 validation_1-logloss:0.302264

[646] validation_0-error:0.084091 validation_0-logloss:0.248908 validation_1-error:0.113727 validation_1-logloss:0.302323

[647] validation_0-error:0.083922 validation_0-logloss:0.248744 validation_1-error:0.114294 validation_1-logloss:0.302395

[648] validation_0-error:0.08367 validation_0-logloss:0.24856 validation_1-error:0.114577 validation_1-logloss:0.302429

[649] validation_0-error:0.083838 validation_0-logloss:0.248426 validation_1-error:0.114294 validation_1-logloss:0.30239

[650] validation_0-error:0.083796 validation_0-logloss:0.248274 validation_1-error:0.114861 validation_1-logloss:0.302357

[651] validation_0-error:0.083796 validation_0-logloss:0.24811 validation_1-error:0.114577 validation_1-logloss:0.30207

[652] validation_0-error:0.083964 validation_0-logloss:0.24791 validation_1-error:0.114861 validation_1-logloss:0.301985

[653] validation_0-error:0.083502 validation_0-logloss:0.247726 validation_1-error:0.115428 validation_1-logloss:0.301807

[654] validation_0-error:0.083165 validation_0-logloss:0.247553 validation_1-error:0.115145 validation_1-logloss:0.301792

[655] validation_0-error:0.083291 validation_0-logloss:0.247421 validation_1-error:0.115145 validation_1-logloss:0.301796

[656] validation_0-error:0.083249 validation_0-logloss:0.24733 validation_1-error:0.114861 validation_1-logloss:0.301856

[657] validation_0-error:0.082997 validation_0-logloss:0.247189 validation_1-error:0.114577 validation_1-logloss:0.301861
[658] validation_0-error:0.083165 validation_0-logloss:0.247038 validation_1-error:0.114861 validation_1-logloss:0.301721
[659] validation_0-error:0.083165 validation_0-logloss:0.246868 validation_1-error:0.114861 validation_1-logloss:0.30165
[660] validation_0-error:0.083165 validation_0-logloss:0.246747 validation_1-error:0.114294 validation_1-logloss:0.301658
[661] validation_0-error:0.083123 validation_0-logloss:0.246575 validation_1-error:0.114294 validation_1-logloss:0.301623
[662] validation_0-error:0.082955 validation_0-logloss:0.246463 validation_1-error:0.11401 validation_1-logloss:0.301613
[663] validation_0-error:0.082618 validation_0-logloss:0.246314 validation_1-error:0.113727 validation_1-logloss:0.301683
[664] validation_0-error:0.082534 validation_0-logloss:0.246163 validation_1-error:0.113727 validation_1-logloss:0.301609
[665] validation_0-error:0.082155 validation_0-logloss:0.246013 validation_1-error:0.113727 validation_1-logloss:0.301514
[666] validation_0-error:0.082113 validation_0-logloss:0.245879 validation_1-error:0.114294 validation_1-logloss:0.301417
[667] validation_0-error:0.082029 validation_0-logloss:0.245722 validation_1-error:0.11401 validation_1-logloss:0.301359
[668] validation_0-error:0.081903 validation_0-logloss:0.245586 validation_1-error:0.114294 validation_1-logloss:0.301319
[669] validation_0-error:0.081777 validation_0-logloss:0.245449 validation_1-error:0.114577 validation_1-logloss:0.301266
[670] validation_0-error:0.081903 validation_0-logloss:0.245264 validation_1-error:0.114861 validation_1-logloss:0.301215

[671] validation_0-error:0.081777 validation_0-logloss:0.245074 validation_1-error:0.115145 validation_1-logloss:0.301137
[672] validation_0-error:0.081693 validation_0-logloss:0.244921 validation_1-error:0.114294 validation_1-logloss:0.300975
[673] validation_0-error:0.081482 validation_0-logloss:0.244755 validation_1-error:0.114294 validation_1-logloss:0.30087
[674] validation_0-error:0.08144 validation_0-logloss:0.244632 validation_1-error:0.115428 validation_1-logloss:0.30081
[675] validation_0-error:0.081693 validation_0-logloss:0.244465 validation_1-error:0.115428 validation_1-logloss:0.300772
[676] validation_0-error:0.081609 validation_0-logloss:0.244307 validation_1-error:0.115145 validation_1-logloss:0.300716
[677] validation_0-error:0.081524 validation_0-logloss:0.244173 validation_1-error:0.115145 validation_1-logloss:0.300687
[678] validation_0-error:0.081735 validation_0-logloss:0.244038 validation_1-error:0.115145 validation_1-logloss:0.30065
[679] validation_0-error:0.081356 validation_0-logloss:0.243873 validation_1-error:0.11401 validation_1-logloss:0.300486
[680] validation_0-error:0.08102 validation_0-logloss:0.243711 validation_1-error:0.114577 validation_1-logloss:0.300464
[681] validation_0-error:0.081314 validation_0-logloss:0.243558 validation_1-error:0.113727 validation_1-logloss:0.300292
[682] validation_0-error:0.081104 validation_0-logloss:0.243398 validation_1-error:0.114294 validation_1-logloss:0.300239
[683] validation_0-error:0.08102 validation_0-logloss:0.243277 validation_1-error:0.11401 validation_1-logloss:0.300162
[684] validation_0-error:0.080936 validation_0-logloss:0.243124 validation_1-error:0.114861 validation_1-logloss:0.300134

[685] validation_0-error:0.080767 validation_0-logloss:0.242957 validation_1-error:0.114577 validation_1-logloss:0.300013
[686] validation_0-error:0.080767 validation_0-logloss:0.242773 validation_1-error:0.114577 validation_1-logloss:0.300001
[687] validation_0-error:0.080936 validation_0-logloss:0.242588 validation_1-error:0.114861 validation_1-logloss:0.299905
[688] validation_0-error:0.080893 validation_0-logloss:0.242418 validation_1-error:0.114861 validation_1-logloss:0.299823
[689] validation_0-error:0.081062 validation_0-logloss:0.242253 validation_1-error:0.114577 validation_1-logloss:0.299753
[690] validation_0-error:0.080641 validation_0-logloss:0.242098 validation_1-error:0.114294 validation_1-logloss:0.299781
[691] validation_0-error:0.080641 validation_0-logloss:0.241925 validation_1-error:0.114294 validation_1-logloss:0.299723
[692] validation_0-error:0.080557 validation_0-logloss:0.241757 validation_1-error:0.114861 validation_1-logloss:0.299573
[693] validation_0-error:0.080557 validation_0-logloss:0.241576 validation_1-error:0.114577 validation_1-logloss:0.299608
[694] validation_0-error:0.080599 validation_0-logloss:0.241476 validation_1-error:0.115145 validation_1-logloss:0.29951
[695] validation_0-error:0.080599 validation_0-logloss:0.241328 validation_1-error:0.115145 validation_1-logloss:0.299522
[696] validation_0-error:0.080599 validation_0-logloss:0.241204 validation_1-error:0.114861 validation_1-logloss:0.299595
[697] validation_0-error:0.080178 validation_0-logloss:0.241049 validation_1-error:0.114861 validation_1-logloss:0.299562
[698] validation_0-error:0.080094 validation_0-logloss:0.240921 validation_1-error:0.115428 validation_1-logloss:0.299474

[699] validation_0-error:0.080347 validation_0-logloss:0.240749 validation_1-error:0.115145 validation_1-logloss:0.299322
[700] validation_0-error:0.080136 validation_0-logloss:0.240639 validation_1-error:0.115428 validation_1-logloss:0.29932
[701] validation_0-error:0.080431 validation_0-logloss:0.240554 validation_1-error:0.115428 validation_1-logloss:0.299311
[702] validation_0-error:0.080305 validation_0-logloss:0.240427 validation_1-error:0.115428 validation_1-logloss:0.299201
[703] validation_0-error:0.080052 validation_0-logloss:0.240272 validation_1-error:0.115428 validation_1-logloss:0.299202
[704] validation_0-error:0.079758 validation_0-logloss:0.240122 validation_1-error:0.115428 validation_1-logloss:0.299109
[705] validation_0-error:0.079884 validation_0-logloss:0.239955 validation_1-error:0.115428 validation_1-logloss:0.298948
[706] validation_0-error:0.079589 validation_0-logloss:0.239789 validation_1-error:0.115995 validation_1-logloss:0.298873
[707] validation_0-error:0.079547 validation_0-logloss:0.23964 validation_1-error:0.115995 validation_1-logloss:0.298883
[708] validation_0-error:0.079421 validation_0-logloss:0.239474 validation_1-error:0.11713 validation_1-logloss:0.298915
[709] validation_0-error:0.079211 validation_0-logloss:0.239323 validation_1-error:0.116279 validation_1-logloss:0.29891
[710] validation_0-error:0.079169 validation_0-logloss:0.239179 validation_1-error:0.116279 validation_1-logloss:0.298828
[711] validation_0-error:0.078832 validation_0-logloss:0.239079 validation_1-error:0.116846 validation_1-logloss:0.298898
[712] validation_0-error:0.078874 validation_0-logloss:0.238957 validation_1-error:0.117413 validation_1-logloss:0.298772

[713] validation_0-error:0.079085 validation_0-logloss:0.238804 validation_1-error:0.116563 validation_1-logloss:0.298726
[714] validation_0-error:0.078958 validation_0-logloss:0.238596 validation_1-error:0.116279 validation_1-logloss:0.298503
[715] validation_0-error:0.078832 validation_0-logloss:0.238508 validation_1-error:0.115995 validation_1-logloss:0.298505
[716] validation_0-error:0.078538 validation_0-logloss:0.238345 validation_1-error:0.115995 validation_1-logloss:0.298542
[717] validation_0-error:0.078201 validation_0-logloss:0.23819 validation_1-error:0.115995 validation_1-logloss:0.298393
[718] validation_0-error:0.078033 validation_0-logloss:0.238038 validation_1-error:0.115995 validation_1-logloss:0.298365
[719] validation_0-error:0.078159 validation_0-logloss:0.237879 validation_1-error:0.115428 validation_1-logloss:0.298252
[720] validation_0-error:0.077949 validation_0-logloss:0.237724 validation_1-error:0.115712 validation_1-logloss:0.298198
[721] validation_0-error:0.077907 validation_0-logloss:0.237556 validation_1-error:0.11713 validation_1-logloss:0.298189
[722] validation_0-error:0.077865 validation_0-logloss:0.237428 validation_1-error:0.116846 validation_1-logloss:0.298278
[723] validation_0-error:0.077739 validation_0-logloss:0.237274 validation_1-error:0.116563 validation_1-logloss:0.298196
[724] validation_0-error:0.077949 validation_0-logloss:0.237113 validation_1-error:0.116563 validation_1-logloss:0.298075
[725] validation_0-error:0.077991 validation_0-logloss:0.237014 validation_1-error:0.116846 validation_1-logloss:0.297933
[726] validation_0-error:0.077654 validation_0-logloss:0.236828 validation_1-error:0.116846 validation_1-logloss:0.297983

[727] validation_0-error:0.077612 validation_0-logloss:0.236737 validation_1-error:0.116563 validation_1-logloss:0.297891
[728] validation_0-error:0.077612 validation_0-logloss:0.236637 validation_1-error:0.116279 validation_1-logloss:0.297808
[729] validation_0-error:0.077654 validation_0-logloss:0.236458 validation_1-error:0.115995 validation_1-logloss:0.297764
[730] validation_0-error:0.077528 validation_0-logloss:0.236329 validation_1-error:0.115428 validation_1-logloss:0.29763
[731] validation_0-error:0.077654 validation_0-logloss:0.236215 validation_1-error:0.115145 validation_1-logloss:0.29761
[732] validation_0-error:0.077486 validation_0-logloss:0.236074 validation_1-error:0.114861 validation_1-logloss:0.297568
[733] validation_0-error:0.077318 validation_0-logloss:0.2359 validation_1-error:0.115428 validation_1-logloss:0.297516
[734] validation_0-error:0.077276 validation_0-logloss:0.235779 validation_1-error:0.116279 validation_1-logloss:0.297437
[735] validation_0-error:0.076897 validation_0-logloss:0.235631 validation_1-error:0.115712 validation_1-logloss:0.297272
[736] validation_0-error:0.076897 validation_0-logloss:0.235498 validation_1-error:0.115428 validation_1-logloss:0.297219
[737] validation_0-error:0.076813 validation_0-logloss:0.235399 validation_1-error:0.116846 validation_1-logloss:0.297163
[738] validation_0-error:0.076813 validation_0-logloss:0.235253 validation_1-error:0.117413 validation_1-logloss:0.297044
[739] validation_0-error:0.077023 validation_0-logloss:0.235081 validation_1-error:0.116846 validation_1-logloss:0.297083
[740] validation_0-error:0.076897 validation_0-logloss:0.234935 validation_1-error:0.115995 validation_1-logloss:0.297091

[741] validation_0-error:0.076645 validation_0-logloss:0.234804 validation_1-error:0.115712 validation_1-logloss:0.297055
[742] validation_0-error:0.076687 validation_0-logloss:0.234704 validation_1-error:0.116563 validation_1-logloss:0.297039
[743] validation_0-error:0.076729 validation_0-logloss:0.234573 validation_1-error:0.116563 validation_1-logloss:0.297115
[744] validation_0-error:0.076477 validation_0-logloss:0.23445 validation_1-error:0.11713 validation_1-logloss:0.297176
[745] validation_0-error:0.076477 validation_0-logloss:0.234291 validation_1-error:0.117697 validation_1-logloss:0.297155
[746] validation_0-error:0.076687 validation_0-logloss:0.234098 validation_1-error:0.117697 validation_1-logloss:0.296974
[747] validation_0-error:0.076519 validation_0-logloss:0.233919 validation_1-error:0.117413 validation_1-logloss:0.296884
[748] validation_0-error:0.076477 validation_0-logloss:0.23378 validation_1-error:0.117697 validation_1-logloss:0.296942
[749] validation_0-error:0.076266 validation_0-logloss:0.233651 validation_1-error:0.117413 validation_1-logloss:0.296881
[750] validation_0-error:0.076056 validation_0-logloss:0.233502 validation_1-error:0.117413 validation_1-logloss:0.296762
[751] validation_0-error:0.075635 validation_0-logloss:0.233346 validation_1-error:0.116563 validation_1-logloss:0.296742
[752] validation_0-error:0.075761 validation_0-logloss:0.233179 validation_1-error:0.116846 validation_1-logloss:0.296748
[753] validation_0-error:0.075467 validation_0-logloss:0.233052 validation_1-error:0.116563 validation_1-logloss:0.296765
[754] validation_0-error:0.075257 validation_0-logloss:0.232885 validation_1-error:0.115995 validation_1-logloss:0.296635

[755] validation_0-error:0.075215 validation_0-logloss:0.232767 validation_1-error:0.115428 validation_1-logloss:0.296591
[756] validation_0-error:0.075383 validation_0-logloss:0.232612 validation_1-error:0.116563 validation_1-logloss:0.296529
[757] validation_0-error:0.075341 validation_0-logloss:0.232527 validation_1-error:0.116846 validation_1-logloss:0.296559
[758] validation_0-error:0.075299 validation_0-logloss:0.232392 validation_1-error:0.11713 validation_1-logloss:0.296489
[759] validation_0-error:0.075215 validation_0-logloss:0.232286 validation_1-error:0.11713 validation_1-logloss:0.296432
[760] validation_0-error:0.074836 validation_0-logloss:0.232129 validation_1-error:0.11713 validation_1-logloss:0.296398
[761] validation_0-error:0.074626 validation_0-logloss:0.23197 validation_1-error:0.117697 validation_1-logloss:0.296374
[762] validation_0-error:0.074626 validation_0-logloss:0.231854 validation_1-error:0.117413 validation_1-logloss:0.296348
[763] validation_0-error:0.074541 validation_0-logloss:0.231738 validation_1-error:0.117697 validation_1-logloss:0.296253
[764] validation_0-error:0.074584 validation_0-logloss:0.231633 validation_1-error:0.117697 validation_1-logloss:0.296187
[765] validation_0-error:0.074373 validation_0-logloss:0.231473 validation_1-error:0.117697 validation_1-logloss:0.296088
[766] validation_0-error:0.074331 validation_0-logloss:0.231343 validation_1-error:0.118264 validation_1-logloss:0.296198
[767] validation_0-error:0.074541 validation_0-logloss:0.231196 validation_1-error:0.117413 validation_1-logloss:0.296142
[768] validation_0-error:0.074457 validation_0-logloss:0.231115 validation_1-error:0.116846 validation_1-logloss:0.296221

[769] validation_0-error:0.074289 validation_0-logloss:0.23096 validation_1-error:0.116846 validation_1-logloss:0.296206
[770] validation_0-error:0.074205 validation_0-logloss:0.230813 validation_1-error:0.11713 validation_1-logloss:0.296126
[771] validation_0-error:0.074331 validation_0-logloss:0.230698 validation_1-error:0.116279 validation_1-logloss:0.296055
[772] validation_0-error:0.073953 validation_0-logloss:0.230545 validation_1-error:0.11713 validation_1-logloss:0.29593
[773] validation_0-error:0.07391 validation_0-logloss:0.230416 validation_1-error:0.116279 validation_1-logloss:0.295813
[774] validation_0-error:0.074079 validation_0-logloss:0.230236 validation_1-error:0.116563 validation_1-logloss:0.295683
[775] validation_0-error:0.073826 validation_0-logloss:0.230118 validation_1-error:0.116846 validation_1-logloss:0.295711
[776] validation_0-error:0.073784 validation_0-logloss:0.229975 validation_1-error:0.117413 validation_1-logloss:0.295699
[777] validation_0-error:0.073111 validation_0-logloss:0.229845 validation_1-error:0.117413 validation_1-logloss:0.29566
[778] validation_0-error:0.073322 validation_0-logloss:0.229701 validation_1-error:0.118264 validation_1-logloss:0.295531
[779] validation_0-error:0.073027 validation_0-logloss:0.229602 validation_1-error:0.118264 validation_1-logloss:0.295452
[780] validation_0-error:0.072901 validation_0-logloss:0.229487 validation_1-error:0.117413 validation_1-logloss:0.295436
[781] validation_0-error:0.072606 validation_0-logloss:0.229353 validation_1-error:0.117413 validation_1-logloss:0.295384
[782] validation_0-error:0.072775 validation_0-logloss:0.229199 validation_1-error:0.117697 validation_1-logloss:0.295425

[783] validation_0-error:0.072859 validation_0-logloss:0.229052 validation_1-error:0.117697 validation_1-logloss:0.295295
[784] validation_0-error:0.072733 validation_0-logloss:0.228898 validation_1-error:0.117697 validation_1-logloss:0.295178
[785] validation_0-error:0.072817 validation_0-logloss:0.228701 validation_1-error:0.118548 validation_1-logloss:0.294975
[786] validation_0-error:0.072901 validation_0-logloss:0.228541 validation_1-error:0.118264 validation_1-logloss:0.29481
[787] validation_0-error:0.072648 validation_0-logloss:0.228392 validation_1-error:0.117981 validation_1-logloss:0.294719
[788] validation_0-error:0.072775 validation_0-logloss:0.228232 validation_1-error:0.117697 validation_1-logloss:0.294627
[789] validation_0-error:0.072606 validation_0-logloss:0.228094 validation_1-error:0.117697 validation_1-logloss:0.29454
[790] validation_0-error:0.072312 validation_0-logloss:0.227952 validation_1-error:0.116846 validation_1-logloss:0.294513
[791] validation_0-error:0.07248 validation_0-logloss:0.227782 validation_1-error:0.116563 validation_1-logloss:0.294423
[792] validation_0-error:0.07227 validation_0-logloss:0.227627 validation_1-error:0.115995 validation_1-logloss:0.29428
[793] validation_0-error:0.072438 validation_0-logloss:0.227481 validation_1-error:0.115995 validation_1-logloss:0.294166
[794] validation_0-error:0.07248 validation_0-logloss:0.227357 validation_1-error:0.115995 validation_1-logloss:0.294092
[795] validation_0-error:0.072017 validation_0-logloss:0.227193 validation_1-error:0.115428 validation_1-logloss:0.293976
[796] validation_0-error:0.071807 validation_0-logloss:0.227069 validation_1-error:0.115712 validation_1-logloss:0.29403

[797] validation_0-error:0.071849 validation_0-logloss:0.226935 validation_1-error:0.115995 validation_1-logloss:0.294014
[798] validation_0-error:0.071723 validation_0-logloss:0.226793 validation_1-error:0.115995 validation_1-logloss:0.293849
[799] validation_0-error:0.071344 validation_0-logloss:0.22667 validation_1-error:0.116279 validation_1-logloss:0.293727
[800] validation_0-error:0.071471 validation_0-logloss:0.226506 validation_1-error:0.116563 validation_1-logloss:0.293728
[801] validation_0-error:0.071807 validation_0-logloss:0.226374 validation_1-error:0.11713 validation_1-logloss:0.293781
[802] validation_0-error:0.071681 validation_0-logloss:0.226235 validation_1-error:0.117413 validation_1-logloss:0.293633
[803] validation_0-error:0.071471 validation_0-logloss:0.226063 validation_1-error:0.117413 validation_1-logloss:0.293549
[804] validation_0-error:0.071218 validation_0-logloss:0.225914 validation_1-error:0.11713 validation_1-logloss:0.293518
[805] validation_0-error:0.071302 validation_0-logloss:0.225771 validation_1-error:0.116563 validation_1-logloss:0.293471
[806] validation_0-error:0.071387 validation_0-logloss:0.225639 validation_1-error:0.11713 validation_1-logloss:0.293484
[807] validation_0-error:0.07126 validation_0-logloss:0.225479 validation_1-error:0.117697 validation_1-logloss:0.293487
[808] validation_0-error:0.071302 validation_0-logloss:0.225321 validation_1-error:0.118548 validation_1-logloss:0.293465
[809] validation_0-error:0.070924 validation_0-logloss:0.225214 validation_1-error:0.117981 validation_1-logloss:0.293498
[810] validation_0-error:0.070671 validation_0-logloss:0.225091 validation_1-error:0.117981 validation_1-logloss:0.293592

[811] validation_0-error:0.070503 validation_0-logloss:0.224948 validation_1-error:0.117981 validation_1-logloss:0.29343

[812] validation_0-error:0.070629 validation_0-logloss:0.224854 validation_1-error:0.117981 validation_1-logloss:0.29332

[813] validation_0-error:0.070629 validation_0-logloss:0.224727 validation_1-error:0.117697 validation_1-logloss:0.293281

[814] validation_0-error:0.070209 validation_0-logloss:0.224561 validation_1-error:0.117413 validation_1-logloss:0.293186

[815] validation_0-error:0.070461 validation_0-logloss:0.224419 validation_1-error:0.118548 validation_1-logloss:0.293143

[816] validation_0-error:0.070671 validation_0-logloss:0.22429 validation_1-error:0.118548 validation_1-logloss:0.2932

[817] validation_0-error:0.070671 validation_0-logloss:0.224174 validation_1-error:0.118548 validation_1-logloss:0.293266

[818] validation_0-error:0.070461 validation_0-logloss:0.224047 validation_1-error:0.117981 validation_1-logloss:0.293123

[819] validation_0-error:0.070461 validation_0-logloss:0.223936 validation_1-error:0.118548 validation_1-logloss:0.293054

[820] validation_0-error:0.069914 validation_0-logloss:0.223854 validation_1-error:0.117981 validation_1-logloss:0.293101

[821] validation_0-error:0.069662 validation_0-logloss:0.223744 validation_1-error:0.117413 validation_1-logloss:0.293068

[822] validation_0-error:0.069704 validation_0-logloss:0.223584 validation_1-error:0.117697 validation_1-logloss:0.293121

[823] validation_0-error:0.06962 validation_0-logloss:0.223415 validation_1-error:0.118264 validation_1-logloss:0.293143

[824] validation_0-error:0.069746 validation_0-logloss:0.223262 validation_1-error:0.117981 validation_1-logloss:0.29319

[825] validation_0-error:0.069409 validation_0-logloss:0.223102 validation_1-error:0.117413 validation_1-logloss:0.29314

[826] validation_0-error:0.069536 validation_0-logloss:0.22298 validation_1-error:0.11713 validation_1-logloss:0.293021

[827] validation_0-error:0.069536 validation_0-logloss:0.222847 validation_1-error:0.115995 validation_1-logloss:0.292872

[828] validation_0-error:0.069578 validation_0-logloss:0.222715 validation_1-error:0.116563 validation_1-logloss:0.292889

[829] validation_0-error:0.069283 validation_0-logloss:0.222592 validation_1-error:0.116563 validation_1-logloss:0.292851

[830] validation_0-error:0.069409 validation_0-logloss:0.222489 validation_1-error:0.116846 validation_1-logloss:0.292723

[831] validation_0-error:0.069536 validation_0-logloss:0.222336 validation_1-error:0.116846 validation_1-logloss:0.292582

[832] validation_0-error:0.069662 validation_0-logloss:0.222205 validation_1-error:0.117697 validation_1-logloss:0.292401

[833] validation_0-error:0.069451 validation_0-logloss:0.222091 validation_1-error:0.11713 validation_1-logloss:0.292422

[834] validation_0-error:0.069325 validation_0-logloss:0.221912 validation_1-error:0.117413 validation_1-logloss:0.292252

[835] validation_0-error:0.069662 validation_0-logloss:0.221813 validation_1-error:0.117413 validation_1-logloss:0.292293

[836] validation_0-error:0.069494 validation_0-logloss:0.221665 validation_1-error:0.116563 validation_1-logloss:0.292204

[837] validation_0-error:0.069536 validation_0-logloss:0.221544 validation_1-error:0.11713 validation_1-logloss:0.292012

[838] validation_0-error:0.069283 validation_0-logloss:0.221418 validation_1-error:0.116846 validation_1-logloss:0.291969

[839] validation_0-error:0.069536 validation_0-logloss:0.221323 validation_1-error:0.117413 validation_1-logloss:0.291891
[840] validation_0-error:0.069451 validation_0-logloss:0.221185 validation_1-error:0.117981 validation_1-logloss:0.291802
[841] validation_0-error:0.069367 validation_0-logloss:0.221092 validation_1-error:0.11713 validation_1-logloss:0.291695
[842] validation_0-error:0.069115 validation_0-logloss:0.220956 validation_1-error:0.115428 validation_1-logloss:0.291643
[843] validation_0-error:0.068778 validation_0-logloss:0.220787 validation_1-error:0.116279 validation_1-logloss:0.291711
[844] validation_0-error:0.068568 validation_0-logloss:0.220668 validation_1-error:0.115995 validation_1-logloss:0.291695
[845] validation_0-error:0.068568 validation_0-logloss:0.220554 validation_1-error:0.115712 validation_1-logloss:0.2917
[846] validation_0-error:0.068863 validation_0-logloss:0.220432 validation_1-error:0.115995 validation_1-logloss:0.291593
[847] validation_0-error:0.068694 validation_0-logloss:0.220278 validation_1-error:0.115145 validation_1-logloss:0.291478
[848] validation_0-error:0.068694 validation_0-logloss:0.220173 validation_1-error:0.115712 validation_1-logloss:0.291497
[849] validation_0-error:0.06882 validation_0-logloss:0.220043 validation_1-error:0.115428 validation_1-logloss:0.291511
[850] validation_0-error:0.068778 validation_0-logloss:0.219921 validation_1-error:0.115995 validation_1-logloss:0.291518
[851] validation_0-error:0.068736 validation_0-logloss:0.219803 validation_1-error:0.115712 validation_1-logloss:0.291543
[852] validation_0-error:0.068652 validation_0-logloss:0.219657 validation_1-error:0.115995 validation_1-logloss:0.291407

[853] validation_0-error:0.068442 validation_0-logloss:0.219578 validation_1-error:0.115995 validation_1-logloss:0.29141
[854] validation_0-error:0.068358 validation_0-logloss:0.219477 validation_1-error:0.115712 validation_1-logloss:0.291389
[855] validation_0-error:0.068232 validation_0-logloss:0.219369 validation_1-error:0.116563 validation_1-logloss:0.29138
[856] validation_0-error:0.068232 validation_0-logloss:0.21922 validation_1-error:0.116279 validation_1-logloss:0.291364
[857] validation_0-error:0.068147 validation_0-logloss:0.219108 validation_1-error:0.115712 validation_1-logloss:0.291367
[858] validation_0-error:0.068105 validation_0-logloss:0.219 validation_1-error:0.115712 validation_1-logloss:0.291341
[859] validation_0-error:0.067979 validation_0-logloss:0.218857 validation_1-error:0.115712 validation_1-logloss:0.29137
[860] validation_0-error:0.067727 validation_0-logloss:0.218765 validation_1-error:0.115712 validation_1-logloss:0.291268
[861] validation_0-error:0.067685 validation_0-logloss:0.218616 validation_1-error:0.115145 validation_1-logloss:0.291157
[862] validation_0-error:0.067643 validation_0-logloss:0.218466 validation_1-error:0.115145 validation_1-logloss:0.291188
[863] validation_0-error:0.067727 validation_0-logloss:0.218369 validation_1-error:0.114861 validation_1-logloss:0.291176
[864] validation_0-error:0.067516 validation_0-logloss:0.218241 validation_1-error:0.115428 validation_1-logloss:0.29115
[865] validation_0-error:0.067474 validation_0-logloss:0.218094 validation_1-error:0.115712 validation_1-logloss:0.291142
[866] validation_0-error:0.067601 validation_0-logloss:0.217966 validation_1-error:0.115712 validation_1-logloss:0.291077

[867] validation_0-error:0.067432 validation_0-logloss:0.217847 validation_1-error:0.115428 validation_1-logloss:0.291031
[868] validation_0-error:0.067264 validation_0-logloss:0.217717 validation_1-error:0.115712 validation_1-logloss:0.290898
[869] validation_0-error:0.06718 validation_0-logloss:0.217604 validation_1-error:0.115995 validation_1-logloss:0.290815
[870] validation_0-error:0.067306 validation_0-logloss:0.217489 validation_1-error:0.115995 validation_1-logloss:0.290747
[871] validation_0-error:0.06739 validation_0-logloss:0.217368 validation_1-error:0.115712 validation_1-logloss:0.290705
[872] validation_0-error:0.067264 validation_0-logloss:0.21723 validation_1-error:0.115428 validation_1-logloss:0.290692
[873] validation_0-error:0.06697 validation_0-logloss:0.217115 validation_1-error:0.115428 validation_1-logloss:0.290457
[874] validation_0-error:0.066885 validation_0-logloss:0.217031 validation_1-error:0.115712 validation_1-logloss:0.290469
[875] validation_0-error:0.066549 validation_0-logloss:0.216897 validation_1-error:0.115995 validation_1-logloss:0.290462
[876] validation_0-error:0.066759 validation_0-logloss:0.216779 validation_1-error:0.115995 validation_1-logloss:0.290434
[877] validation_0-error:0.066717 validation_0-logloss:0.216673 validation_1-error:0.116279 validation_1-logloss:0.290391
[878] validation_0-error:0.066717 validation_0-logloss:0.216527 validation_1-error:0.116279 validation_1-logloss:0.290408
[879] validation_0-error:0.066717 validation_0-logloss:0.216397 validation_1-error:0.116279 validation_1-logloss:0.290401
[880] validation_0-error:0.066843 validation_0-logloss:0.216275 validation_1-error:0.116563 validation_1-logloss:0.29039

[881] validation_0-error:0.066843 validation_0-logloss:0.216184 validation_1-error:0.116279 validation_1-logloss:0.290323
[882] validation_0-error:0.066843 validation_0-logloss:0.216101 validation_1-error:0.116279 validation_1-logloss:0.2903
[883] validation_0-error:0.066675 validation_0-logloss:0.215988 validation_1-error:0.116279 validation_1-logloss:0.290272
[884] validation_0-error:0.066549 validation_0-logloss:0.215861 validation_1-error:0.116279 validation_1-logloss:0.290267
[885] validation_0-error:0.066507 validation_0-logloss:0.21573 validation_1-error:0.115145 validation_1-logloss:0.290234
[886] validation_0-error:0.066465 validation_0-logloss:0.215583 validation_1-error:0.115428 validation_1-logloss:0.290215
[887] validation_0-error:0.066339 validation_0-logloss:0.215449 validation_1-error:0.115428 validation_1-logloss:0.29016
[888] validation_0-error:0.065665 validation_0-logloss:0.215312 validation_1-error:0.115712 validation_1-logloss:0.290243
[889] validation_0-error:0.065581 validation_0-logloss:0.215197 validation_1-error:0.115712 validation_1-logloss:0.290162
[890] validation_0-error:0.065792 validation_0-logloss:0.215092 validation_1-error:0.115712 validation_1-logloss:0.290116
[891] validation_0-error:0.065539 validation_0-logloss:0.214975 validation_1-error:0.115995 validation_1-logloss:0.290077
[892] validation_0-error:0.065413 validation_0-logloss:0.214831 validation_1-error:0.115428 validation_1-logloss:0.289977
[893] validation_0-error:0.065161 validation_0-logloss:0.214732 validation_1-error:0.115995 validation_1-logloss:0.290028
[894] validation_0-error:0.065287 validation_0-logloss:0.21458 validation_1-error:0.115712 validation_1-logloss:0.290026

[895] validation_0-error:0.065287 validation_0-logloss:0.214499 validation_1-error:0.115712 validation_1-logloss:0.289959
[896] validation_0-error:0.065455 validation_0-logloss:0.214371 validation_1-error:0.115995 validation_1-logloss:0.29001
[897] validation_0-error:0.065329 validation_0-logloss:0.214279 validation_1-error:0.115428 validation_1-logloss:0.289836
[898] validation_0-error:0.065245 validation_0-logloss:0.214134 validation_1-error:0.115145 validation_1-logloss:0.289811
[899] validation_0-error:0.065455 validation_0-logloss:0.213995 validation_1-error:0.115145 validation_1-logloss:0.289749
[900] validation_0-error:0.065203 validation_0-logloss:0.213846 validation_1-error:0.114294 validation_1-logloss:0.289724
[901] validation_0-error:0.065203 validation_0-logloss:0.213721 validation_1-error:0.114577 validation_1-logloss:0.289763
[902] validation_0-error:0.064908 validation_0-logloss:0.213584 validation_1-error:0.11401 validation_1-logloss:0.28966
[903] validation_0-error:0.064992 validation_0-logloss:0.213474 validation_1-error:0.113727 validation_1-logloss:0.289621
[904] validation_0-error:0.064866 validation_0-logloss:0.213336 validation_1-error:0.11401 validation_1-logloss:0.289591
[905] validation_0-error:0.064908 validation_0-logloss:0.213267 validation_1-error:0.11401 validation_1-logloss:0.289626
[906] validation_0-error:0.064782 validation_0-logloss:0.213199 validation_1-error:0.113727 validation_1-logloss:0.289614
[907] validation_0-error:0.064782 validation_0-logloss:0.213076 validation_1-error:0.114294 validation_1-logloss:0.289534
[908] validation_0-error:0.064992 validation_0-logloss:0.212933 validation_1-error:0.11401 validation_1-logloss:0.28958

[909] validation_0-error:0.064572 validation_0-logloss:0.212804 validation_1-error:0.115145 validation_1-logloss:0.289649
[910] validation_0-error:0.06453 validation_0-logloss:0.212712 validation_1-error:0.115428 validation_1-logloss:0.289622
[911] validation_0-error:0.064488 validation_0-logloss:0.212563 validation_1-error:0.115995 validation_1-logloss:0.289534
[912] validation_0-error:0.064361 validation_0-logloss:0.212469 validation_1-error:0.116279 validation_1-logloss:0.289443
[913] validation_0-error:0.064193 validation_0-logloss:0.212387 validation_1-error:0.115995 validation_1-logloss:0.289474
[914] validation_0-error:0.064277 validation_0-logloss:0.212264 validation_1-error:0.115712 validation_1-logloss:0.289417
[915] validation_0-error:0.064277 validation_0-logloss:0.21214 validation_1-error:0.115712 validation_1-logloss:0.289344
[916] validation_0-error:0.064235 validation_0-logloss:0.212025 validation_1-error:0.115995 validation_1-logloss:0.289346
[917] validation_0-error:0.064235 validation_0-logloss:0.211894 validation_1-error:0.116279 validation_1-logloss:0.289343
[918] validation_0-error:0.064025 validation_0-logloss:0.211806 validation_1-error:0.115995 validation_1-logloss:0.289403
[919] validation_0-error:0.063941 validation_0-logloss:0.211666 validation_1-error:0.115995 validation_1-logloss:0.289553
[920] validation_0-error:0.063857 validation_0-logloss:0.211526 validation_1-error:0.115145 validation_1-logloss:0.289413
[921] validation_0-error:0.063899 validation_0-logloss:0.211406 validation_1-error:0.115145 validation_1-logloss:0.289399
[922] validation_0-error:0.064067 validation_0-logloss:0.211282 validation_1-error:0.115145 validation_1-logloss:0.289298

[923] validation_0-error:0.063773 validation_0-logloss:0.2112 validation_1-error:0.115712 validation_1-logloss:0.289304
[924] validation_0-error:0.063983 validation_0-logloss:0.211086 validation_1-error:0.115712 validation_1-logloss:0.289248
[925] validation_0-error:0.063773 validation_0-logloss:0.210972 validation_1-error:0.115712 validation_1-logloss:0.289286
[926] validation_0-error:0.063815 validation_0-logloss:0.210834 validation_1-error:0.116279 validation_1-logloss:0.28929
[927] validation_0-error:0.063815 validation_0-logloss:0.2107 validation_1-error:0.115712 validation_1-logloss:0.289224
[928] validation_0-error:0.06352 validation_0-logloss:0.210567 validation_1-error:0.116279 validation_1-logloss:0.289359
[929] validation_0-error:0.063394 validation_0-logloss:0.210503 validation_1-error:0.115712 validation_1-logloss:0.289274
[930] validation_0-error:0.063352 validation_0-logloss:0.210381 validation_1-error:0.115428 validation_1-logloss:0.289188
[931] validation_0-error:0.063394 validation_0-logloss:0.210303 validation_1-error:0.115712 validation_1-logloss:0.289166
[932] validation_0-error:0.063352 validation_0-logloss:0.210167 validation_1-error:0.114861 validation_1-logloss:0.289035
[933] validation_0-error:0.063226 validation_0-logloss:0.210054 validation_1-error:0.114577 validation_1-logloss:0.28904
[934] validation_0-error:0.063394 validation_0-logloss:0.209927 validation_1-error:0.113727 validation_1-logloss:0.288949
[935] validation_0-error:0.063436 validation_0-logloss:0.209837 validation_1-error:0.114294 validation_1-logloss:0.288989
[936] validation_0-error:0.063352 validation_0-logloss:0.209715 validation_1-error:0.11401 validation_1-logloss:0.288886

[937] validation_0-error:0.063352 validation_0-logloss:0.209614 validation_1-error:0.114861 validation_1-logloss:0.288966
[938] validation_0-error:0.063184 validation_0-logloss:0.209537 validation_1-error:0.114577 validation_1-logloss:0.288984
[939] validation_0-error:0.063184 validation_0-logloss:0.209398 validation_1-error:0.11401 validation_1-logloss:0.288829
[940] validation_0-error:0.063099 validation_0-logloss:0.209298 validation_1-error:0.113727 validation_1-logloss:0.288807
[941] validation_0-error:0.063142 validation_0-logloss:0.209218 validation_1-error:0.113159 validation_1-logloss:0.288765
[942] validation_0-error:0.063015 validation_0-logloss:0.209061 validation_1-error:0.114294 validation_1-logloss:0.288592
[943] validation_0-error:0.063184 validation_0-logloss:0.208952 validation_1-error:0.114294 validation_1-logloss:0.28859
[944] validation_0-error:0.063142 validation_0-logloss:0.208837 validation_1-error:0.114294 validation_1-logloss:0.288532
[945] validation_0-error:0.062847 validation_0-logloss:0.208736 validation_1-error:0.114294 validation_1-logloss:0.288381
[946] validation_0-error:0.062973 validation_0-logloss:0.208573 validation_1-error:0.11401 validation_1-logloss:0.288212
[947] validation_0-error:0.062889 validation_0-logloss:0.208461 validation_1-error:0.114294 validation_1-logloss:0.288194
[948] validation_0-error:0.062721 validation_0-logloss:0.208357 validation_1-error:0.11401 validation_1-logloss:0.288088
[949] validation_0-error:0.062468 validation_0-logloss:0.208254 validation_1-error:0.11401 validation_1-logloss:0.287926
[950] validation_0-error:0.062637 validation_0-logloss:0.208154 validation_1-error:0.11401 validation_1-logloss:0.28788

[951] validation_0-error:0.062511 validation_0-logloss:0.208034 validation_1-error:0.11401 validation_1-logloss:0.287677

[952] validation_0-error:0.062426 validation_0-logloss:0.207956 validation_1-error:0.11401 validation_1-logloss:0.287626

[953] validation_0-error:0.0623 validation_0-logloss:0.207845 validation_1-error:0.114294 validation_1-logloss:0.287651

[954] validation_0-error:0.062216 validation_0-logloss:0.207737 validation_1-error:0.114577 validation_1-logloss:0.28778

[955] validation_0-error:0.0623 validation_0-logloss:0.20759 validation_1-error:0.115145 validation_1-logloss:0.287735

[956] validation_0-error:0.062342 validation_0-logloss:0.20752 validation_1-error:0.115428 validation_1-logloss:0.287689

[957] validation_0-error:0.062006 validation_0-logloss:0.207396 validation_1-error:0.115428 validation_1-logloss:0.287775

[958] validation_0-error:0.062048 validation_0-logloss:0.20727 validation_1-error:0.114577 validation_1-logloss:0.287671

[959] validation_0-error:0.06209 validation_0-logloss:0.207149 validation_1-error:0.115428 validation_1-logloss:0.287576

[960] validation_0-error:0.062048 validation_0-logloss:0.207035 validation_1-error:0.115428 validation_1-logloss:0.287501

[961] validation_0-error:0.061964 validation_0-logloss:0.206899 validation_1-error:0.114577 validation_1-logloss:0.287509

[962] validation_0-error:0.061669 validation_0-logloss:0.20677 validation_1-error:0.114861 validation_1-logloss:0.287593

[963] validation_0-error:0.061585 validation_0-logloss:0.206653 validation_1-error:0.115428 validation_1-logloss:0.287681

[964] validation_0-error:0.061501 validation_0-logloss:0.206526 validation_1-error:0.115428 validation_1-logloss:0.28756

[965] validation_0-error:0.061543 validation_0-logloss:0.20646 validation_1-error:0.115428 validation_1-logloss:0.287666

[966] validation_0-error:0.061543 validation_0-logloss:0.206335 validation_1-error:0.115995 validation_1-logloss:0.287541

[967] validation_0-error:0.061711 validation_0-logloss:0.206241 validation_1-error:0.115428 validation_1-logloss:0.287479

[968] validation_0-error:0.061795 validation_0-logloss:0.206104 validation_1-error:0.115428 validation_1-logloss:0.287546

[969] validation_0-error:0.061669 validation_0-logloss:0.205985 validation_1-error:0.115145 validation_1-logloss:0.287409

[970] validation_0-error:0.061669 validation_0-logloss:0.205903 validation_1-error:0.115428 validation_1-logloss:0.28743

[971] validation_0-error:0.061543 validation_0-logloss:0.205801 validation_1-error:0.115712 validation_1-logloss:0.287353

[972] validation_0-error:0.061459 validation_0-logloss:0.205674 validation_1-error:0.115712 validation_1-logloss:0.287399

[973] validation_0-error:0.061291 validation_0-logloss:0.205541 validation_1-error:0.114577 validation_1-logloss:0.287401

[974] validation_0-error:0.061291 validation_0-logloss:0.205371 validation_1-error:0.114294 validation_1-logloss:0.287284

[975] validation_0-error:0.061206 validation_0-logloss:0.205271 validation_1-error:0.114294 validation_1-logloss:0.287305

[976] validation_0-error:0.061122 validation_0-logloss:0.205175 validation_1-error:0.114577 validation_1-logloss:0.28734

[977] validation_0-error:0.06087 validation_0-logloss:0.205051 validation_1-error:0.113727 validation_1-logloss:0.287327

[978] validation_0-error:0.060786 validation_0-logloss:0.204945 validation_1-error:0.114577 validation_1-logloss:0.287327

[979] validation_0-error:0.060407 validation_0-logloss:0.204843 validation_1-error:0.115145 validation_1-logloss:0.287536
[980] validation_0-error:0.060281 validation_0-logloss:0.204709 validation_1-error:0.115428 validation_1-logloss:0.287442
[981] validation_0-error:0.060239 validation_0-logloss:0.204606 validation_1-error:0.115428 validation_1-logloss:0.287394
[982] validation_0-error:0.060029 validation_0-logloss:0.204499 validation_1-error:0.115428 validation_1-logloss:0.287394
[983] validation_0-error:0.060155 validation_0-logloss:0.204397 validation_1-error:0.115145 validation_1-logloss:0.287412
[984] validation_0-error:0.060281 validation_0-logloss:0.204265 validation_1-error:0.114577 validation_1-logloss:0.287512
[985] validation_0-error:0.059944 validation_0-logloss:0.204142 validation_1-error:0.114861 validation_1-logloss:0.287493
[986] validation_0-error:0.060071 validation_0-logloss:0.204033 validation_1-error:0.114294 validation_1-logloss:0.287418
[987] validation_0-error:0.060449 validation_0-logloss:0.203933 validation_1-error:0.115145 validation_1-logloss:0.287359
[988] validation_0-error:0.059987 validation_0-logloss:0.203826 validation_1-error:0.115145 validation_1-logloss:0.287178
[989] validation_0-error:0.060113 validation_0-logloss:0.203757 validation_1-error:0.114861 validation_1-logloss:0.287096
[990] validation_0-error:0.060281 validation_0-logloss:0.203615 validation_1-error:0.114861 validation_1-logloss:0.286975
[991] validation_0-error:0.059944 validation_0-logloss:0.203488 validation_1-error:0.114861 validation_1-logloss:0.286992
[992] validation_0-error:0.059818 validation_0-logloss:0.203359 validation_1-error:0.114861 validation_1-logloss:0.287004

[993] validation_0-error:0.059944 validation_0-logloss:0.203257 validation_1-error:0.114861 validation_1-logloss:0.286978
[994] validation_0-error:0.05986 validation_0-logloss:0.203135 validation_1-error:0.114577 validation_1-logloss:0.286971
[995] validation_0-error:0.059482 validation_0-logloss:0.203029 validation_1-error:0.114577 validation_1-logloss:0.286892
[996] validation_0-error:0.05986 validation_0-logloss:0.20289 validation_1-error:0.114861 validation_1-logloss:0.286719
[997] validation_0-error:0.059608 validation_0-logloss:0.202757 validation_1-error:0.115428 validation_1-logloss:0.286618
[998] validation_0-error:0.059524 validation_0-logloss:0.202631 validation_1-error:0.115712 validation_1-logloss:0.286568
[999] validation_0-error:0.059608 validation_0-logloss:0.202486 validation_1-error:0.115712 validation_1-logloss:0.286417
Accuracy: 88.43%